JOINT INTEROPERABILITY ENGINEERING ORGANIZATION

Database Specification DS 1-96

17 December 1996

DATABASE SPECIFICATION

FOR THE

STATUS OF RESOURCES AND TRAINING SYSTEM (SORTS)

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ABSTRACT

This Database Specification describes the logical design of the
Status of Resources and Training System (SORTS) relational
database. The Database Specification identifies database tables
and views. A complete data dictionary of SORTS data elements is
also provided.

This document supersedes JIEO, DS 1-96, <u>Database Specification
for the Status of Resources and Training System (SORTS)</u>, dated 1
April 1996 (unpublished).

SECTION 1. SCOPE

This section provides an overview of the Status of Resources and
Training System (SORTS) project and Database Specification
document.

1.1 <u>Identification</u>

    Identification Number: DS 1-96

    Title: Status of Resources and Training System (SORTS)
            Database Specification (DS)

    Abbreviation: SORTS DS

1.2 <u>System Overview</u>

The Status of Resources and Training System (SORTS) is an
information management system within the Department of Defense.
SORTS provides the National Command Authorities (NCA) and the
Joint Staff with authoritative identification, location, and
resource information on units of the U.S. Armed Forces. It is
the current system providing unit monitoring information to the
National Military Command System (NMCS). SORTS supports the
Joint Staff and the unified and specified commands to satisfy
information needs for command and control of U.S. military units
in all operational environments.

SORTS provides a highly flexible system architecture that allows
for fast, effective data updates but minimizes contentions for
system resources. Within this architecture individual software
components are distributed among various hardware platforms.
This distribution removed resource bottlenecks and inflexible
designs found in the present system. All hardware and software
components are integrated into a single operational environment.

In addition, powerful and effective software applications are
provided allowing ease of data entry while providing complete and
accurate validation capabilities. The end result is a more
responsive system which enhances the utility of the data
contained within the SORTS database.

A Relational Database Management System (RDBMS) is the nucleus of
SORTS. The RDBMS provides an efficient mechanism to control,
retrieve, display, and update SORTS data.

SORTS was brought under the MIL-STD-498 software development
cycle. The requirements specified in the functional description

were incorporated into the SORTS Modernization Preliminary System Specification.

The preliminary system specification, including system architecture and requirements, was briefed to the SORTS community at the SORTS Modernization System Requirements Review (SRR) conducted on 18 April 1989.

To facilitate the requirements validation process, a site survey was developed and distributed to the SORTS community. Site visits were conducted between July and November of 1989. Following these visits, a Site Survey Technical Report was produced and distributed to the SORTS community for review. This report detailed the findings of the requirements validation process. In addition, a proof-of-concept model demonstrating a relational database model and some additional system components was developed.

In March, 1990, the Site Survey findings and the Proof-of-Concept Model were presented to the SORTS community at a SORTS Conference in New Orleans. The SORTS community concurred that SORTS, as described in the Preliminary System Specification and Site Survey Technical Report, adequately reflected the needs of the community.

The System Specification was finalized to reflect the changes to the requirements as determined by the Site Survey and the SORTS Conference. This was briefed to the SORTS community at the System Design Review (SDR) conducted on 18 May 1990.

1.3 <u>Document Overview</u>

This Database Specification for SORTS contains the following:

   a. A detailed description of database design, interfaces, and labeling conventions

   b. A detailed description of data elements, attributes, and definitions

   c. A listing of Structured Query Language (SQL) statements for database table creation.

SECTION 2.   APPLICABLE DOCUMENTS

2.1   Government Documents

The following documents of the exact issue shown form a part of
this specification to the extent specified herein.   Copies of
specifications, standards, drawings, and publications required by
suppliers in connection with specified procurement functions
should be obtained from the contracting agency or as directed by
the contracting officer.

2.1.1   Specifications.

    a.   JDSSC, SPM SS 179-90, Status of Resources and Training
        System (SORTS) Modernization System Specification, 18
        June 1990.

    b.   JDSSC, SSDD 1-91, Status of Resources and Training
        System (SORTS) Modernization System Design Document,
        12 November 1991.

2.1.2   Standards.

    a.   MIL-STD-498, Military Standard, Software Development
        and Documentation, 5 December 1994.

    b.   JDSSC, PM 1-91, Documentation Standards and
        Publications Style Manual, 1 June 1991.

    c.   MIL-STD-6040, Military Standard, U.S. Message Text
        Formatting Program Of U. S. Message Text Formatting
        Program, 1 January 1997

2.1.3   Other Publications.

    a.   FIPS Pub 127, Database Language SQL, 1 March 1987.

    b.   USMC, MCO P3000.13B, Standard Operating Procedures for
        Status of Resources and Training System (SORTS),
        24 April 1989.

    c.   USAF, AFI 10-201, Status of Resources and Training
        System, 1 October 1995.

    d.   USN, NWP 10-1-11, Status of Resources and Training
        System (SORTS), Revision A, February 1989.

    e.   USA, AR 220-1, Unit Status Report, 31 July 1993.

f.   CJCS MOP 11, <u>Status of Resources and Training System</u>
     <u>(SORTS)</u>, 24 December 1992.

g.   CJCS MOP 39, <u>Release Procedures for JCS Papers and</u>
     <u>Information</u>, 6 August 1990.

h.   CJCSM 6120.05, <u>Manual For Tactical Command and Control</u>
     <u>Planning Guidance for Joint Operations, Joint</u>
     <u>Interface Operational Procedures For Message Text</u>
     <u>Formats</u>, 1 January 1997.

I.   CJCSI 3401.01A, <u>The Chairman's Readiness System</u>,
     15 October 1996.

j.   Joint Pub 1-03.3, <u>Joint Reporting Structure (JRS),</u>
     <u>Status of Resources and Training System (SORTS)</u>,
     10 August 1993.

k.   Joint Pub 1-03.29, <u>Type Unit Characteristics Report</u>
     <u>(TUCHAREP)</u>, 1 January 00.

l.   Joint Pub 1-03.19, Chapter 1, <u>Standard Specified</u>
     <u>Geographic Location File Report (GEOFILE)</u>, 1 October
     1976.

m.   Joint Pub 1-03.19, Chapter 2, <u>Major Equipment</u>
     <u>Identification Code Report (MEREP)</u>, 1 October 1976.

m.   JDSSC, FD, <u>Status of Resources and Training System</u>
     <u>(SORTS), Modernization</u>, 15 May 1988, (Draft).

2.2 <u>Non-Government Documents</u>

The following documents of the exact issue shown form a part of
this specification to the extent specified herein. In the event
of conflict between the documents referenced herein and the
contents of this specification, the contents of this
specification will be considered a superseding requirement.

Technical society and technical association specifications and
standards are generally available for reference from libraries.
They are also distributed among technical groups and using
Federal Agencies.

2.2.1 <u>Specifications</u>. IEEE P1003.1, <u>Portable Operating System</u>
<u>Definition (POSIX), Draft 12</u>, 1987.

2.2.2 Standards. ISO Standard 7498, <u>Information Processing Systems - Open Systems Interconnections - Basic Reference Model</u>, 15 October 1984.

2.2.3 <u>Other Publications</u>.

   a. Cronin, Daniel, <u>Mastering ORACLE</u>, Carmel, Hayden Books, 1989.

   b. Date, C. J., <u>An Introduction to Database Systems, Volume I</u>, Reading, Addison-Wesley, 1986.

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SECTION 3. DATABASE IDENTIFICATION AND DESCRIPTION

This section describes the basic concepts of SORTS database
organization, labeling conventions, reporting procedures,
external interfaces, and security.

3.1 Database Organization

The SORTS database is formulated based on the concepts of a
Relational Database Management System (RDBMS). Data is stored in
a two-dimensional structure of rows and columns. These rows and
columns are organized as tables of related data elements. Each
table contains a key that uniquely identifies a row within a
table. Key values provide relationships between tables.

Section 4 of this document provides detailed descriptions of all
SORTS tables and attributes.

3.2 Labeling Conventions

SORTS data element labeling and naming conventions are consistent
with the standard data elements defined in Joint Pub 1-03.3 and
Joint Pub 6-04 series. The table labeling and naming conventions
follow the set/segment names of the SORTSREP and associated
services messages defined in Joint Pub 6-04 series documents.
Where more than one set makes up a segment, the corresponding
database table takes the name of the first set of the segment.

3.3 Database Reporting Procedures

The following paragraphs describe the format and frequency of the
SORTS reports used to update the database.

3.3.1 Reporting Format. The official reporting format for the
SORTS database is the United States Message Text Formatting
(USMTF). The update and distribution will be based solely on
USMTF. USMTF consists of data sets delimited by slashes and
terminated by double-slash characters. These sets are positional
and order-dependent and can continue on multiple lines. USMTF
restricts each line to a maximum of 69 characters. USMTF allows
for data field labels and set comments to aid in visual review.
An order dependency exists between sets in USMTF. Sets are
organized in groups where certain sets must follow other sets in
the group. This group of sets defines a database transaction.

3.3.2 Reporting Frequency. Currently Joint Pub 1.03-3 reporting
procedures specify that SORTS data should be reported as changes
occur and less frequently than once a month. Generally, most
reporting data is received once a month with all reports coming

in during the same period. Certain information such as Navy
positional information is reported several times a day.

3.4   Interfaces

Many systems in the GCCS community need access to the data stored
in the SORTS portion of the GCCS database, henceforth referred to
as the SORTS database. The SORTS community can access the SORTS
database using a variety of Oracle products, to include but not
limited to SQLPLUS, Oracle Forms, and Oracle ReportWriter.
Queries and reports have been developed in SQLPLUS and Oracle
Forms.

SORTS provides external General Interactive Query System software
consisting of one generic interface that generates SQL statements
for accessing the SORTS database.

3.5   Security

The CJCS MOP 11 contains security guidelines for SORTS data that
were adhered to within SORTS. These guidelines define the
minimum classification of SORTS data aggregates.

Steps must be taken to protect SECRET data that may be maintained
in the SORTS database. Hardware not located in shielded vaults
will require shielding, and network interfaces may require
cryptographic equipment.

The highest classification of data allowable in the SORTS
database will be SECRET. The Database Administrator (DBA) will
control the security features for the SORTS database. The DBA
will enroll users, assign privileges to SORTS users, and control
data access to selected SORTS database information. The report
originator will be responsible for specifying the classification
of reported data.

SORTS also maintains audit trails containing information about
data passing between different processes.

SECTION 4. DATABASE DESIGN

This section describes the overall design of the SORTS database.

4.1 <u>Technical Approach</u>

Designing a relational database involves several processes, including:

  a. Defining entities. An entity is a major category of data that will be monitored, tracked, or manipulated. Entities are translated into tables later in the design process.

  b. Defining entity relationships. Entity relationships determine how one entity affects another. Entity relationships are important in determining primary and foreign keys.

  c. Defining attributes. Attributes describe the specific characteristics of an individual entity or relationship among entities. An attribute or group of attributes that uniquely identifies a row of an entity is called a "key" attribute. The purpose of key attributes is to efficiently locate specific rows in a database table. Database table definitions directly descend from the entities and attributes defined.

The SORTS database design effort began by analyzing SORTS existing capabilities and database layout. This analysis provided a starting point for the database model.

This model provides representation of the SORTS database; it consists of major data entities, relationships between entities, and data attributes. Tables are defined using the entities and attributes defined. Entities in the developed model, which is described in detail in section 4.2, correspond to the record definitions used in the current SORTS database.

A grasp of several important database concepts such as normalization/denormalization, indexing, and physical design considerations is necessary to fully understand the overall SORTS database design. They are explained in the following paragraphs.

4.1.1 <u>Database Normalization</u>. Database normalization is a technique used to simplify and decompose each database table down to its key entities and associated attributes. The goal of normalization is to minimize data redundancy and group common

data elements to allow for easy database manipulation. Each of the five stages of normalization, from first normal form through fifth normal form, further simplifies data. Although data normalization has the advantage of simplifying database updates, its major disadvantage is the creation of many small tables, which can increase the amount of I/O needed for common data retrieval. Therefore, denormalization is sometimes used to optimize a specific application's performance.

Denormalization is the process of taking small tables and combining them into larger tables to reduce I/O, which increases database performance. The major disadvantage of denormalization is the potential for more complex database updates and update anomalies.

4.1.2 <u>Database Indexes</u>. A database index is another mechanism that can increase database performance. Most relational databases sequentially search every row of the database in order to satisfy a specific query. This process can severely hamper performance in large table queries. Each primary key of a table can be indexed so that only the indexes will be searched instead of the entire table in response to a query. The index contains an address of the actual contents of the location of the data. Although indexes can increase performance for data retrievals, the additional internal maintenance required for data deletes and updates can decrease performance.

4.1.3 <u>Physical Design Considerations</u>. Physical design of the database is dependent on the platform used as a database machine. Several physical design considerations should be taken into account to achieve an overall effective design. For example, physically clustering commonly joined tables close to each other can decrease disk access. Setting various database run-time options such as increasing page and buffer size can also increase performance.

4.2 <u>SORTS Data Model</u>

Figure 4-1 provides an entity relationship diagram of the Joint SORTS database. This entity relationship diagram is centered around the BIDE entity. Other entities exist as one-to-one and one-to-many relationships to the BIDE entity. Figure 4-2 and Figure 4-3 are entity relationship diagrams of the service-unique portion of the database.
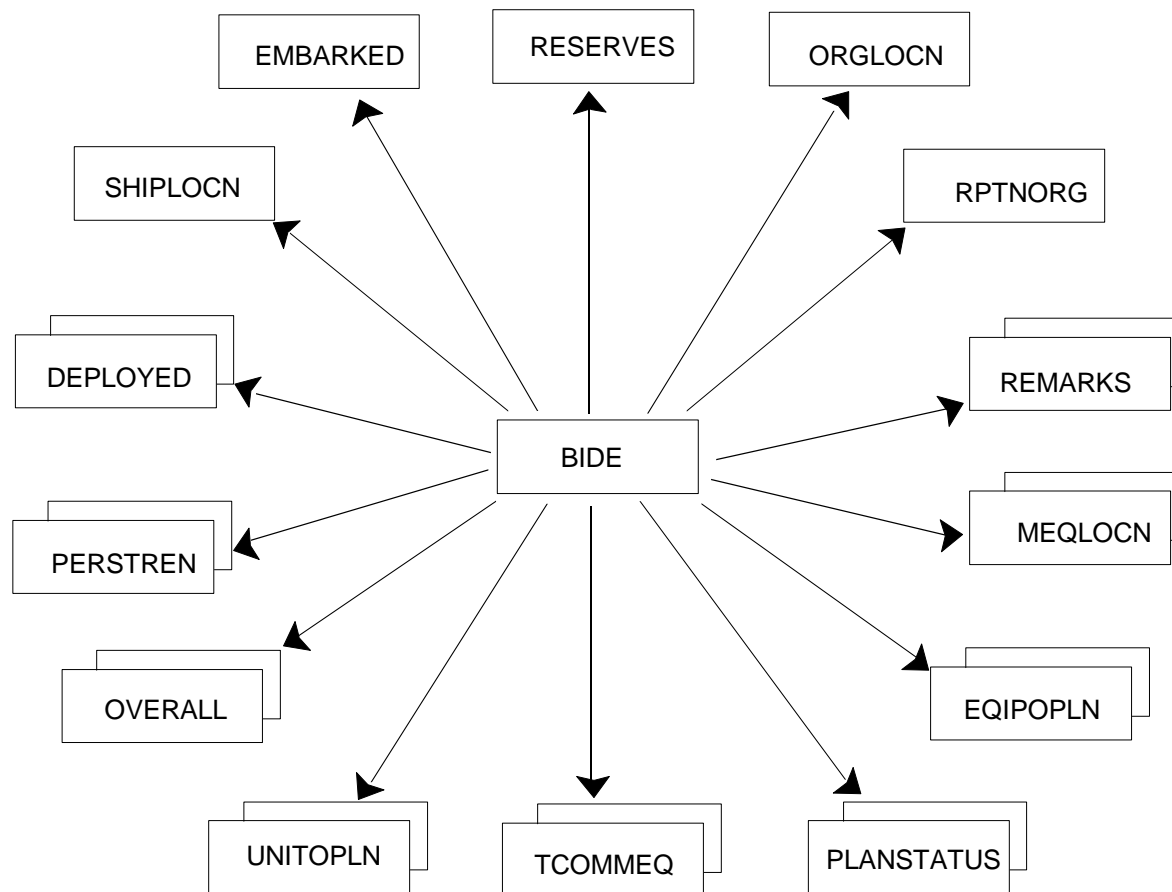
Figure 4-1. Joint Entity Relationship Diagram

4-3

UN_ARMY_STAT_RPT

ASORTS_NAR_RMK_TXT

FREE_FORM_TEXT

UNIT

UN_CTRCL_EQ_OR_PCT

UN_RPTD_PIE_OR_PCT

UN_NON_DPLYBL_PERS

UN_PRTD_SRPLS_PERS

UN_RPTD_ASI_SHRTG

UN_RPTD_SQI_SHRTG

BIDE

UN_RPTD_ENVRN_TNG

UN_RPTD_S4_MSRD_EQ

UN_RPTD_EQ_RPLCMNT

UN_RPTD_ROUNT_STAT

UN_RPTD_GRD_STRN

UN_RPTD_PIE_STAT

UN_RPTD_LIC_SHRTG

UN_RPTD_MOS_SHRTG

UN_RPTD_NBCEQ_SLVL

UN_RPTD_OH_EQ_SHRT
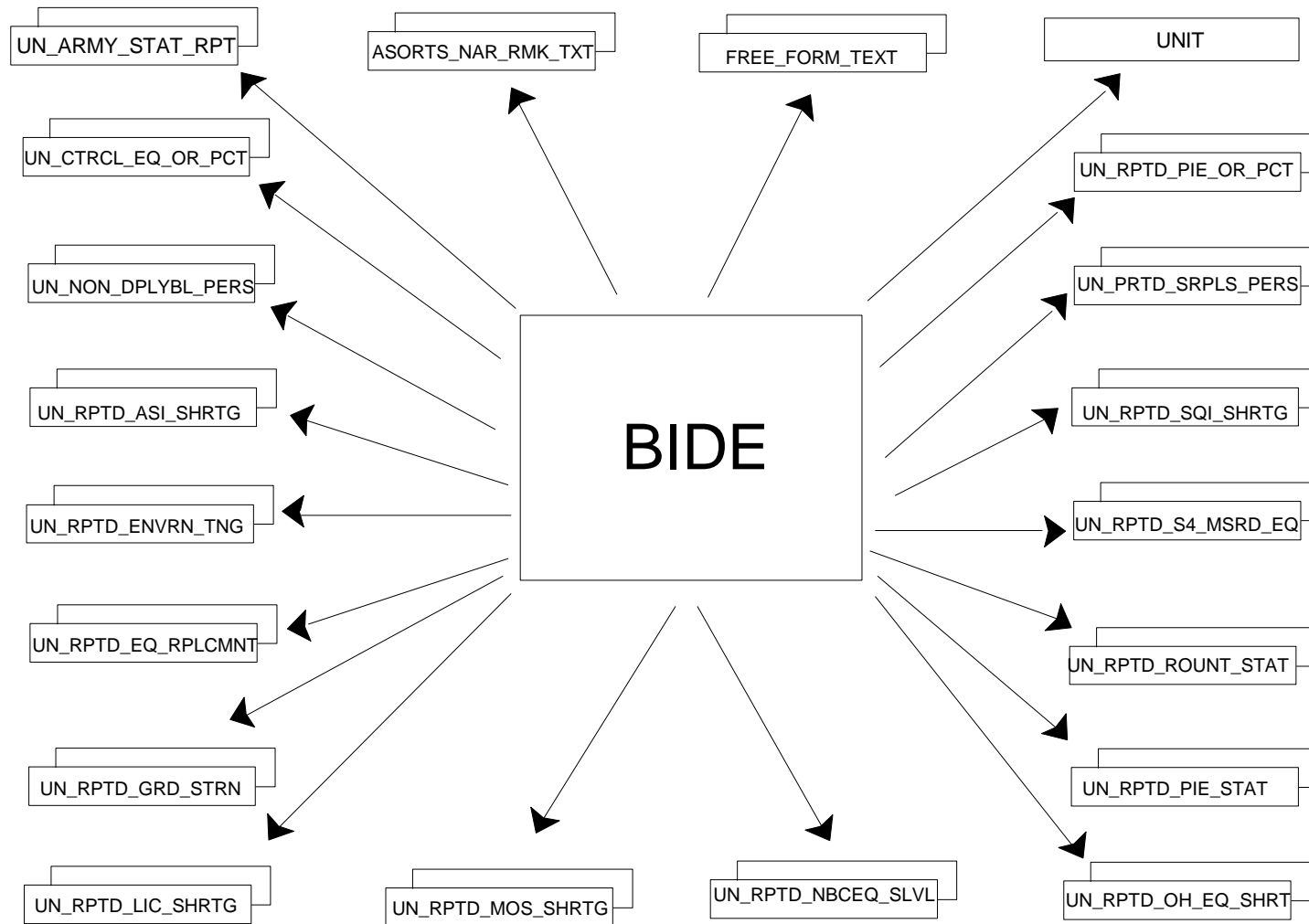
4-2. Army Unique Entity Relationship Diagram
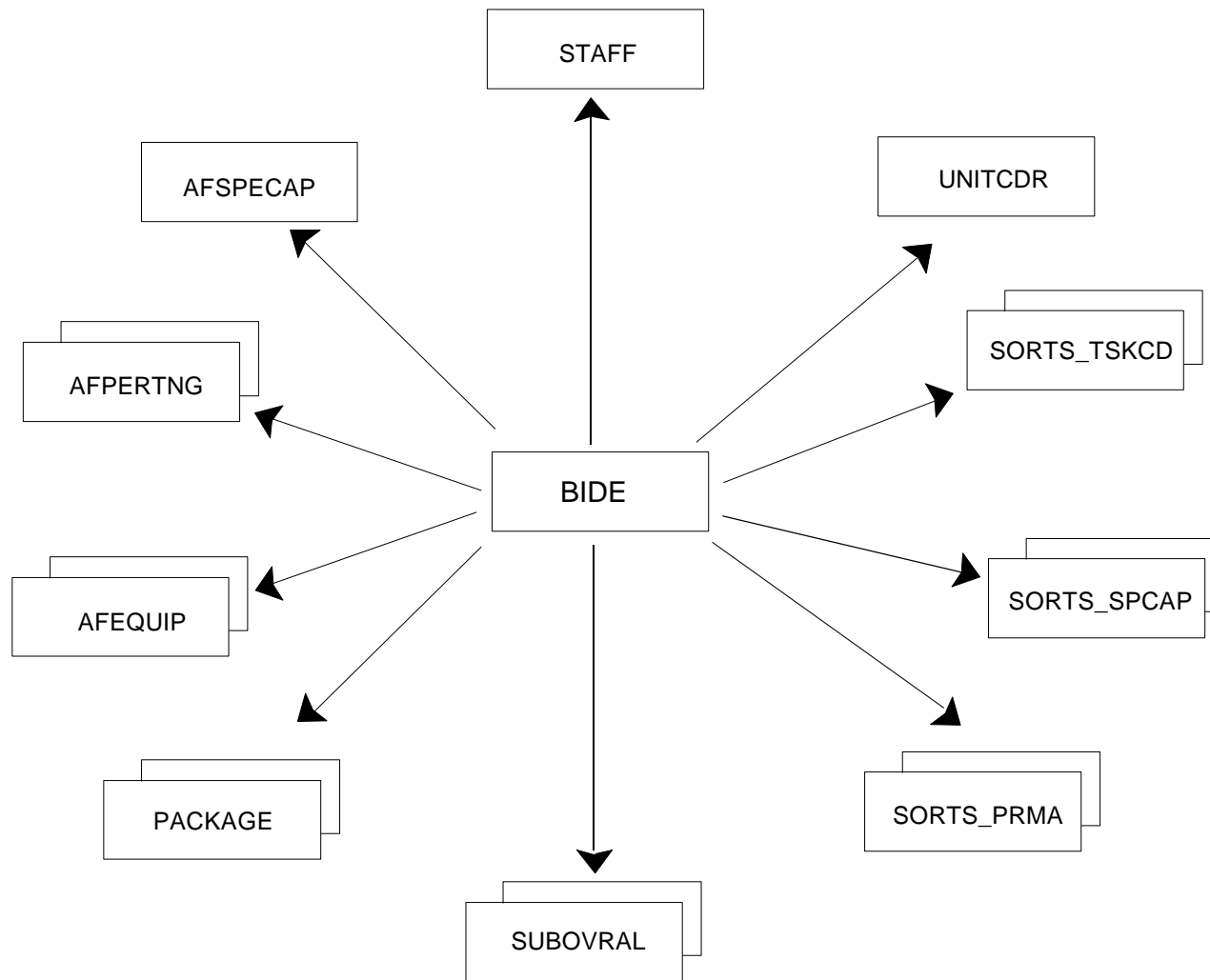
4-3. Navy/Air Force Unique Entity Relationship Diagram

4.3 SORTS Database Design

Efficient design of any database requires analysis of the
transaction formats used to update and access the database. The
general design of any relational database is to group data fields
related solely to a common key into one table without generating
too many small tables. Many small tables should be avoided as
they require table joins to extract desired data, and many
transactions to update the database. Alternately, too few large
tables can make database updates complicated and lead to
integrity problems.

Database update in SORTS is performed entirely by using reported
information in the form of USMTF data sets. The database models
the USMTF data sets with a few minor exceptions. The Overall set
has several associated sets (Personnel, Training, etc). These
are grouped together as a segment in the USMTF message. The data
from the segment is stored in the database as a single table
entry. This provides optimal update efficiency and ease of
retrieval of related data items.

In the initial design of the SORTS database, data derived from
reference tables was stored in the database. Through a process
of testing updates and retrievals, it was determined that the
database size could be greatly reduced by removing the derived
data from the database. The data can be readily retrieved from
the reference tables when needed for reports or data validation.
The storage space saved was of more value than the few
milliseconds it takes to retrieve the reference data.

Database access in SORTS is provided for in ad-hoc forms and
reports. One such facility is the General Interactive Query
System (GIQS). GIQS allows the user to select and tailor output
as the user deems necessary. The user does not have to be an SQL
expert to retrieve data from SORTS.   Data is usually accessed
using a unit's Unit Identification Code (UIC), which will provide
a key or partial key to all tables in the database. Users who
report data and consolidate reports will generally access data
the same way they report data, extracting data sets as reported
on a card requiring few, if any, table joins. Command and
control environments, on the other hand, may need data from more
than one table at a time. By providing indexes on all current
control (key) fields, table join costs will be minimal. Further
normalization of the database has been avoided to prevent more
tables and thus more table joins.

4.3.1 SORTS Tables. The SORTS database consists of database
tables, reference tables, and system validation tables.   The

following paragraphs identify and describe these database tables.

4.3.1.1 <u>SORTS Joint Tables</u>. SORTS supports the SORTS JRS data
elements. Database tables supporting these data elements are
described below. Each numbered paragraph contains a brief
description of the table's purpose, a list of the data elements
in the table, and as appropriate, additional information
pertaining to the table.

The data elements are ordered to present the unique key first.
Derived elements are indicated using an asterisk (*).
Descriptions are provided in brief form for each element as it is
listed in the tables. Detailed definitions for each element in
the Joint Tables are provided in Appendix A.

Appendix B provides SQL statements for each table.

4.3.1.1.1 <u>Basic Identity Information Table</u>. The BIDE table
tracks the identity of each unit in the US Armed Forces. Its
elements are listed and described in Table 4-1. The UIC field
provides a unique key for this table and cannot contain a null
value or spaces.

Table 4-1. Basic Identity Information
(BIDE)

Data Element	Element Description
UIC	Unit Identification Code
SECUR	Record Security Class
TIME	Originator/DTG of Last Update
ANAME	Unit Designation
BUPDATE*	Date of Last Update to This UIC
COAFF	Nationality
LNAME	Organization Long Name
MAJOR	Major Unit Indicator
MJCOM	Major Command Unit Identification Code
MONOR	Monitoring Organization Code
REVAL	Unit Registration Validation Code
SCLAS	Security Classification of Organization
SERV*	Service Identification Code
TPSN	Troop Program Sequence Number
UDC	Unit Descriptor Code
ULC	Unit Level Code
UTC	Unit Type Code

4.3.1.1.2 <u>Reporting Organization Table</u>. The RPTNORG table
designates the reporting command and associated interested
commands who will receive data on a specific unit. In addition,
this table tracks the transfer of units between major commands.
Its elements are listed and described in Table 4-2. The UIC
field provides a unique key for this table and cannot contain a
null value or spaces. There must be one RPTNORG table entry per
BIDE.

Table 4-2. Reporting Organization
(RPTNORG)

Data Element	Element Description
UIC	Unit Identification Code
ARRDT	Destination Arrival Date
ATACH	Attached Command
DEPDT	Origin Departure Date
GCMD	Gaining Command Unit Identification Code
INTR1 through INTR4	Interested Command Codes One through Four RPTCD Reporting Organization Unit Identification Code
RPTCD	Reporting Organization Code
RPTOR	Reporting Organization Unit Identification Code
SBRPT	Subordinate Reporting Organization Unit Identification Code
SBRPT2	Organization Alternate Subordinate Reporting Code
SECUR	Record Security Classification
TDATE	Effective Transfer Date
TIME	Originator/DTG of Last Update
TRGEO	Destination Geolocation Code

4.3.1.1.3 <u>Organization Location Table</u>. The ORGLOCN table tracks
operational and administrative command and control, unit home
location and present location, and current unit status and
activity codes. Its elements are listed and described Table 4-3.
The UIC field provides a unique key for this table and cannot
contain a null value or spaces. There should be one ORGLOCN
table entry per BIDE.

4.3.1.1.4 <u>Embarked UIC's Table</u>. The EMBARKED table contains
information indicating that the entire unit or a portion of it is
embarked on a ship. Its elements are listed and described in

Table 4-3. Organization Location (ORGLOCN)

Data Element	Element Description
UIC	Unit Identification Code
ACTIV	Current Status and Activity Code
ADCON	Administrative Control Unit Identification Code
CBCOM	Combined Command Code
CSERV	CINC, Service or Combatant Command Code
DFCON	DEFCON Status Code
FLAG	Spare Field
HOGEO	Home Geolocation Code
NUCIN	Nuclear Capability Indicator Code
OPCON	Operational Control Unit Identification Code
PCTEF	Effectiveness Percentage
POINT	Geographical Coordinates of Unit's Location
PRGEO	Present Geolocation Code
PUIC	Parent Unit Identification Code
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update
TIME_PA	Originator/DTG of Last POSTATAK Update

Table 4-4. The UIC field provides a unique key for this table and cannot contain a null value or spaces.

Table 4-4. Embarked UIC's (EMBARKED)

Data Element	Element Description
UIC	Unit Identification Code
EMBRK	Embarked on Ship Unit Identification Code
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

4.3.1.1.5 <u>Navy Location Table</u>. The SHIPLOCN table contains positional information about a Navy unit's location and the unit destination. Its elements are listed and described in Table 4-5.

The UIC field provides a unique key for this table and cannot contain a null value or spaces.

Table 4-5. Navy Location (SHIPLOCN)

Data Element	Element Description
UIC	Unit Identification Code
CXMRS	Checked-Out Movement Reporting System
DETA	Estimated Time of Arrival at Destination in Zulu
ETIME	Header Transaction Time
MODFG	MODLOC Flag
NDEST	Port Name
NEDSC	Geographic Coordinates
NTASK	Task Designator
PLETD	Estimated Time of Departure From Present Location, Zulu
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

4.3.1.1.6 <u>Reserve Information Table</u>. The RESERVES table provides information on extended active duty location, activity, and date of mobilization for reserve component units and mobilization commands. Its elements are listed and described in Table 4-5. The UIC field provides a unique key for this table and cannot contain a null value or spaces.

Table 4-6. Reserve Information (RESERVES) (Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
ACGEO	Extended Active Duty Geolocation Code
ACITY	Extended Active Duty Activity Code
AC_LOCATION*	Organization Extended Activity Duty-Location Identifier
ADATE	Extended Active Duty Date
ARGO*	Reserve Organization Command Code

Table 4-6. (Part 2 of 2)

Data Element	Element Description
CIGEO	Organization Support Coordinating Installation Geographic Location Code
CI_LOCATION*	Organization Support Coordinating Installation Location Identifier
MBCMD	Mobilization Command Unit Identification Code
MDATE	Scheduled Mobilization Period
PRMNT_MOBGEO	Reserve Component Unit Permanent Mobilization Phase IV Geographic Location Code
PRMNT_MOB_LOCATION*	Reserve Component Unit Permanent Mobilization Phase IV Location Identifier
RDATE	Extended Active Duty Release Date
SECUR	Record Security Classification
SIGEO	Support Installation Geographic Location Code
SI_LOCATION*	Support Installation Location Identifier
TIME	Originator/DTG of Last Update
UN_CMTMNT_CD	Reserve Component Unit Commitment Type Code
UN_MOB_MAJ_CMD_UIC	Reserve Component Unit Mobilization Major Command Unit Identification Code

4.3.1.1.7 <u>Deployed/Embarked UIC's Table</u>. The DEPLOYED table keeps track of organizations that are deployed or embarked on this UIC. Its elements are listed and described in Table 4-7. The UIC, SBUIC, and SBFLG fields provide a unique key for this table and cannot contain a null value or spaces. DEPLOYED is a derived table.

Table 4-7. Deployed/Embarked UIC's (DEPLOYED)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
SBUIC	Subordinate or Related Unit Identification Code

Table 4-7.   (Part 2 of 2)

SBFLG	Subordinate UIC Flag
FLAG_4	Major Equipment Flag
FLAG4A	Conventional Major Equip Flag
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

4.3.1.1.8 <u>Personnel Strength Table</u>. The PERSTREN table tracks
organizational personnel strength information for civilian and
U.S. and foreign military personnel. Information such as
deployable strength, assigned strength, authorized strength, and
structured strength comprise this table. Its elements are listed
and described in Table 4-8. The UIC, TPERS, and DEPLY fields
provide a unique key for this table and cannot contain a null
value or spaces.

Table 4-8. Personnel Strength
(PERSTREN)

Data Element	Element Description
UIC	Unit Identification Code
TPERS	Personnel Type Code
DEPLY	Deployment Location
ASGD	Assigned Strength Personnel Count
AUTH	Authorized Strength Personnel Count
DEPS	Deployable Strength Personnel Count
PEGEO	Personnel Geolocation Code
PICDA	Strength Information Change Date
POSTR	Possessed Strength Personnel Count
SECUR	Record Security Classification
STRUC	Structured Strength Personnel Count
TDEPS	Tasked Deployable Strength Personnel Count
TIME	Originator/DTG of Last Update

4.3.1.1.9 <u>Category Information Table</u>. The OVERALL table
provides information on the overall category level and
appropriate reason code for units in four major areas: personnel,
equipment and supplies, equipment condition, and training. Its
elements are listed and described in Table 4-9. The UIC and

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                    Table 4-9.  Category
                         (OVERALL)

         Data Element            Element Description

      UIC                    Unit Identification Code
      TREAD                  Coded Type of Category Report
      CADAT                  Forecasted Date of Category Level
                                Change
      CARAT                  Forecasted Category Level Code
      ERRAT                  Equipment Condition Category
                                Level Code
      ERRES                  Coded Reason Equipment Condition
                                Not C-1
      ESRAT                  Equipment/Supplies Category Level
                                Code
      ESRES                  Coded Reason Equipment/Supplies
                                Not C-1
      LIM                    Unit Category Level Limitation
                                Code
      PRRAT                  Personnel Category Level Code
      PRRES                  Coded Reason Personnel Not C-1
      READY                  Unit Overall Category Level Code
      REASN                  Coded Reason Unit Not C-1
      RICDA                  As of Category Level Change Date
      RLIM                   Coded Reason for Limitation
      SECRN                  Coded Secondary Reason Unit Not
                                C-1
      SECUR                  Record Security Classification
      TERRN                  Coded Tertiary Reason Unit Not
                                C-1
      TIME                   Originator/DTG of Last Update
      TRRAT                  Training Category Level Code
      TRRES                  Coded Reason Measured Training
                                Not C-1
```

TREAD fields provide a unique key for this table and cannot
contain a null value or spaces.

4.3.1.1.10 Major Equipment Table. The MEQLOCN table describes a
unit's major equipment, duty crew status, and present geographic
location. Its elements are listed and described in Table 4-10.
The UIC, MEQPT, and TECON fields provide a unique key for this
table and cannot contain a null value or spaces.

4.3.1.1.11 Plan Status Table. The UNITOPLN table identifies
operational plans to which a specific unit is tasked. Its
elements are listed and described in Table 4-11. The UIC, PIDNO,

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                Table 4-10.   Major Equipment
                         (MEQLOCN)


        Data Element              Element Description

    UIC                       Unit Identification Code
    MEQPT                     Major Equipment Type Code
    TECON                     TEGEO Control Field
    CREAL                     Primary Duty Crews Allocated
    CREWA                     Primary Duty Crews Authorized
    CREWF                     Primary Duty Crews Formed
    CRMRC                     Conventional Ready Primary Duty
                                 Crews
    CRMRD                     Dual Ready Primary Duty Crews
    CRMRN                     Nuclear Mission Ready Primary
                                 Duty Crews
    CRMRO                     Other Ready Primary Duty Crews
    FORDV                     Equipment Foreign Origin Code
    MEORC                     Conventional Operational Ready
                                 Major Equipment Count
    MEORD                     Dual Operationally Ready Major
                                 Equipment Count
    MEORN                     Nuclear Operationally Ready Major
                                 Equipment Count
    MEORO                     Other Operationally Ready Major
                                 Equipment Count
    MEPSA                     Authorized Major Equipment Count
    MEPSD                     Possessed Major Equipment Count
    MEREC                     Major Equipment Reconnaissance
                                 Capability Code
    METAL                     Allocated Major Equipment Count
    SECUR                     Record Security Classification
    TEGEO                     Major Equipment Geolocation Code
    TIME                      Originator/DTG of Last Update


          Table 4-11.   Plan Status (UNITOPLN)
                    (Part 1 of 2)


        Data Element              Element Description

    UIC                       Unit Identification Code
    PID                       Plan Identification Number
    FRQNO                     Force Requirement Number
    DDP                       Directed Deployable Posture Code
    DDPRD                     Directed Posture Attainment
                                 Date/Hour
    MDT                       Estimated Posture Attainment
                                 Period
```

Table 4-11. (Part 2 of 2)

PLEAC	Organization Plan Relationship
PUTCV	Plan Unit Type Code
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

and FRQNO fields provide a unique key for this table and cannot contain a null value or spaces.

4.3.1.1.12 Plan Equipment Table. The EQIPOPLN table identifies non-nuclear equipment that is allocated to a specific operational plan. Its elements are listed and described in Table 4-12. The UIC, PID, PEQPT, and TYPCON fields provide a key for this table and cannot contain a null value or spaces.

Table 4-12. Plan Equipment (EQIPOPLN)

Data Element	Element Description
UIC	Unit Identification Code
PID	Plan Identification Number
PEQPT	Plan Major Equipment Unit Identification Code
TYPCON*	Deployment Location
ALTYP	Spare field
ALRET	Equipment Reaction Time
NUMBR	Major Equipment Required Count
NUMEA	Major Equipment Actual Count
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update
TPGEO	Equipment Temporary Geolocation Code

4.3.1.1.13 Transportable Communication Equipment Table. The TCOMMEQ table provides information about the equipment identification, location, and availability of transportable communication equipment. Its elements are listed and described in Table 4-13. The UIC, TEQPT, and MESEN fields provide a unique key for this table and cannot contain a null value or spaces.

4.3.1.1.14 JDS Plan Status Table. The PLANSTATUS table identifies operational plan date parameters. Its elements are listed and described in Table 4-14. The UIC, PLAN_NO, and ULN fields provide a unique key for this table and cannot contain a null value or spaces.

Table 4-13. Transportable Communication Equipment
(TCOMMEQ)

```
      Data Element                  Element Description

 UIC                         Unit Identification Code
 TEQPT                       Communications Equipment
                               Identification
 MESEN                       Designated Item Serial Number
 AVCAT                       Availability Category
 CFGEO                       Communications Equipment Future
                               Geolocation Code
 CPGEO                       Communications Equipment Present
                               Geolocation Code
 DECON                       Deployment Control Organization
                               Code
 EQARR                       Expected Date Equipment Arrival
 EQDEP                       Expected Date Equipment Departure
 ERDTE                       Expected Date of Equipment
                               Readiness
 EXDAC                       Upgraded Equipment Availability
                             Code
 MECUS                       Equipment Current Use Code
 RESND                       Spare Field
 SECUR                       Record Security Classification
 TIME                        Originator/DTG of Last Update
 TLEAC                       Equipment Plan Relationship Code
 TLEQE                       Equipment Operation Plans Count
 TPID                        Equipment Plan Identification
                               Number
```

Table 4-14. JDS Plan Status
(PLANSTATUS)

```
      Data Element                  Element Description

 UIC                         Unit Identification Code
 PLAN_NO                     Plan Identification Number
 ULN                         Unit Line Number
 ALD                         Available to Load Date
 LAD                         Latest Arrival Date
 PRORG                       Providing Organization
 PUTC                        Plan Unit Type Code
 RDD                         Required Delivery Date
 RLD                         Ready to Load Date
 SECUR                       Record Security Classification
 TIME                        Originator/DTG of Last Update
```

4.3.1.1.15 Remarks Table. All reported fields except control
fields in the SORTS database may have remarks associated with
them. Remarks provide reporting units a free text format to
explain values reported. Remarks text currently may come from
more than one card image. All remarks text for one field will be
concatenated together and stored in one data field. The REMARKS
table elements are listed and described in Table 4-15. The UIC,
RLT, and LABEL fields together provide a key for this table and
cannot contain null values or spaces.

Table 4-15. Remarks Table
(REMARKS)

Data Element	Element Description
UIC	Unit Identification Code
RLT	Record Level Indicator
SEC_CON	Remark Secondary Control
LABEL	Data Element Label
REMARKS	Remark Text
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

4.3.1.2 SORTS Service Tables. This paragraph will reference
associated appendixes to describe each SORTS data element.

4.3.1.2.1 Air Force Unique Data Elements. The following
paragraphs describe the Air Force service unique tables and
associated data elements. The data elements are ordered to
present the unique key first.   Derived elements are indicated
using an asterisk (*). Descriptions are provided in brief form
for each element as it is listed in the tables.   Detailed
definitions for each element in the Air Force unique tables are
provided in appendix C. The SQL statements for each table are
provided in appendix D.

4.3.1.2.1.1 Air Force Unit Mission Table. The AFPERTNG table
contains category level data for a unit's mission and addresses
the personnel and the training areas. The following table
identifies the data elements associated with Table 4-16, the
AFPERTNG table. The UIC and DOCNR fields provide a unique key
for this table and cannot contain a null value or spaces.

4.3.1.2.1.2 Air Force Wartime Mission Table. The AFEQUIP table
contains category level information about wartime equipment and
supplies on hand. The following table identifies the data
elements associated with Table 4-17, the AFEQUIP table. The UIC

Table 4-16.   Air Force Unit Mission
                            (AFPERTNG)

          Data Element   Element Description

      UIC   Unit Identification Code
      DOCNR   Designed Operational Capability
                                 Number
      BUDATE   Update Date
      CPASG   Count of Critical Personnel
                                 Assigned
      CPAUR   Critical Personnel Authorized or
                                 Required
      CPAVL   Count of Critical Personnel
                                 Available
      DOCID   DOC Identifier Code
      PERTC   Critical Personnel Percentage
      PERTP   Total Personnel Percentage
      SECUR   Record Security Classification
      TCARQ   Number of Crews Authorized or
                                 Required
      TCRAS   Count of Crews Assigned
      TCRAV   Count of Crews Available
      TIME   Originator/DTG of Last Update
      TMTHD   Method of Computing Training
                                 Level
      TPASG   Total Personnel Assigned
      TPAUT   Total Personnel Authorized or
                                 Required
      TPAVL   Count of Total Personnel
                                 Available
      TRSA1   Training Subarea 1 Percentage
      TRSA2   Training Subarea 2 Percentage
      TRSA3   Training Subarea 3 Percentage
      TRSA4   Training Subarea 4 Percentage
      TRSA5   Training Subarea 5 Percentage
      TRUTC   Training Area Measured Percentage

and DOCNR fields provide a unique key for this table and cannot
contain a null value or spaces.

4.3.1.2.1.3 Air Force Secondary Wartime Mission Table. The
SUBOVRAL table contains category level information about a unit's
secondary or subordinate wartime missions. The following table
identifies the data elements associated with Table 4-18, the
SUBOVRAL table. The UIC and DOCNR fields provide a unique key
and cannot contain a null value or spaces.

```
           Table 4-17.  Air Force Wartime Mission (AFEQUIP)
                          (Part 1 of 2)


       Data Element                  Element Description

    UIC                        Unit Identification Code
    DOCNR                      Designed Operational Capability
                                 Number
    BUDATE                     Update Date
    EQRED                      Support Equipment Condition
                                 Percentage
    EQREE                      Combat Essential Equipment
                                 Condition Percentage
    EQSEE                      Combat Essential Equipment and
                                 Supplies on hand Percentage
    EQSSE                      Support Equipment and Supplies on
                                 Hand Percentage
    ERSA1                      Individual Equip. Condition
                                 Subarea Pct. 1
    ERSA2                      Individual Equip. Condition
                                 Subarea Pct. 2
    ERSA3                      Individual Equip. Condition
                                 Subarea Pct. 3
    ERSA4                      Individual Equip. Condition
                                 Subarea Pct. 4
    ERSA5                      Individual Equip. Condition
                                 Subarea Pct. 5
    ERSA6                      Individual Equip. Condition
                                 Subarea Pct. 6
    ERSA7                      Individual Equip. Condition
                                 Subarea Pct. 7
    ERSA8                      Individual Equip. Condition
                                 Subarea Pct. 8
    ESSA1                      Individual Equip/Supplies Subarea
                                 Pct. 1
    ESSA2                      Individual Equip/Supplies Subarea
                                 Pct. 2
    ESSA3                      Individual Equip/Supplies Subarea
                                 Pct. 3
    ESSA4                      Individual Equip/Supplies Subarea
                                 Pct. 4
    ESSA5                      Individual Equip/Supplies Subarea
                                 Pct. 5
    ESSA6                      Individual Equip/Supplies Subarea
                                 Pct. 6
    ESSA7                      Individual Equip/Supplies Subarea
                                 Pct. 7
```

Table 4-14. (Part 2 of 2)

Data Element	Element Description
ESSA8	Individual Equip/Supplies Subarea Pct. 8
ESSA9	Individual Equip/Supplies Subarea Pct. 9
MEARD	Number of Aircraft or Missiles Authorized or Required
MEASG	Number of Aircraft or Missiles Assigned
MEMRA	Number of Aircraft or Missiles Ready/Available
MEPOS	Number of Aircraft or Missiles Possessed
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

Table 4-18. Air Force Secondary Wartime Mission (SUBOVRAL)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
DOCNR	Design Operational Capability Number
BUPDATE	Update Date
CADAF	Forecasted Date Subordinate Mission Status Change
CARAF	Subordinate Mission Forecast Category Level Code
ERRAF	Subordinate Mission Equipment Condition Category Level
ERREF	Coded Reason Subordinate Equipment Condition Not C-1
ESRAF	Subordinate Mission Equip/ Supplies Category Level Code
ESREF	Coded Reason Subordinate Mission Supplies Not C-1
LIMF	Subordinate Mission Category Level Limitation Code
PRRAF	Subordinate Mission Personnel Category Level Code
PRREF	Coded Reason Subordinate Mission Personnel Not C-1
READF	Subordinate Mission Overall Category Level Code

Table 4-18. (Part 2 of 2)

REASF	Overall Reason Subordinate Mission Not C-1
REASF_R_FLAG	Overall Reason Subordinate Mission Not C-1 Flag
RESPF	Subordinate DOC Response Time
RICDF	Date of Subordinate Mission Status Change
RLIMF	Reason for Subordinate Mission Category Level Limitation
SDOC	Secondary or Subordinate DOCID
SECRF	Coded Secondary Reason Subordinate Mission Not C-1
SECUR	Record Security Classification
TERRF	Coded Tertiary Reason Subordinate Mission Not C-1
TIME	Originator/DTG of Last Update
TRRAF	Subordinate Mission Training Category Level Code
TRREF	Coded Reason Subordinate Training Not C-1

4.3.1.2.1.4 Air Force Special Capability Table. The AFSPECAP table contains aircraft and crew data available for special missions. The following table identifies the data elements associated with Table 4-19, the AFSPECAP table. The UIC field provides the key and cannot contain a null value or spaces.

Table 4-19. Air Force Special Capability (AFSPECAP)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
ACFTA	Aircraft Availability Percentage
ARUSD	Spares Assessment Driver
GCCLA	Number of Graduated Combat Capability Level A Crews
GCCLB	Number of Graduated Combat Capability Level B Crews
GCCLC	Number of Graduated Combat Capability Level C Crews
SMAA1	Number of Aircraft Available for Special Mission First
SMAA2	Number of Aircraft Available for Special Mission Second
SMAA3	Number of Aircraft Available for Special Mission Third

Table 4-19. (Part 2 of 2)

SMAA4	Number of Aircraft Available for Special Mission Fourth
SMAC1	Number of Special Mission Crews Available First
SMAC2	Number of Special Mission Crews Available Second
SMAC3	Number of Special Mission Crews Available Third
SMAC4	Number of Special Mission Crews Available Fourth
SMCC1	Special Mission Capability Code First
SMCC2	Special Mission Capability Code Second
SMCC3	Special Mission Capability Code Third
SMCC4	Special Mission Capability Code Fourth
SMRA1	Number of Aircraft Required for Special Mission First
SMRA2	Number of Aircraft Required for Special Mission Second
SMRA3	Number of Aircraft Required for Special Mission Third
SMRA4	Number of Aircraft Required for Special Mission Fourth
SMRC1	Number of Special Mission Crews First
SMRC2	Number of Special Mission Crews Second
SMRC3	Number of Special Mission Crews Third
SMRC4	Number of Special Mission Crews Fourth
SORTE	SORTE Generation Capability Percentage
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update
WRSK	WRSK/BLSS Fill Percentage

4.3.1.2.1.5 Air Force Transportable Equipment Table. The PACKAGE table contains equipment status and location of transportable equipment. The following table identifies the data elements associated Table 4-20, with the PACKAGE table. The UIC, UTC, and MESEN fields provide a key for this table and cannot contain a null value.

Table 4-20. Air Force Transportable Equipment (PACKAGE)

Data Element	Element Description
UIC	Unit Identification Code
UTC	Unit Type Code
MESEN	Communications Equipment Identifier
DCNDY	Deployment Control Number
DTASK	DOC Tasked Indicator
EQRET	Equipment Return Date
EXDAC	Upgraded Equipment Availability Code
GEOGR	Equipment Geolocation Code
PEQFR	Forecast Date Prime Equipment Ready
PEQS	Prime Equipment Operational Status
SECUR	Record Security Classification
SEDY	Support Equipment Status
SEQFR	Forecast Date Support Equipment Ready
TEAFR	Forecast Date Team Status Satisfactory
TEDY	Assigned Team Status
TIME	Originator/DTG of Last Update
UTCFR	Forecast Date UTC Ready

4.3.1.2.2 <u>Navy Unique Data Elements</u>. The following paragraphs describe the Navy service unique table and associated data elements. The data elements are ordered to present the unique key first.   Derived elements are indicated using an asterisk (*). Descriptions are provided in brief form for each element as it is listed in the tables. Detailed definitions for each element in the Air Force unique tables are provided in appendix D. The SQL statements for each table are provided in appendix E.

4.3.1.2.2.1 <u>Navy Unit Commander Table</u>. This table contains information about the Commanding Officer of a unit. The following table identifies the data elements associated with Table 4-21, the UNITCDR table.

4.3.1.2.2.2 <u>Navy Primary Mission Table</u>. This table contains information about the primary mission area of a unit. The following table identifies the data elements associated Table 4-22, with the UNITCDR table.

Table 4-21. Navy Unit Commander Table
(UNITCDR)

Data Element	Element Description
UIC	Unit Identification Code
DOR	Date of Rank
LINEAL	Lineal Precedence Number
NAME	Name, Individual
RANK	Rank of Commander
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

Table 4-22. Navy Primary Mission Table
(SORTS_PRMA)

Data Element	Element Description
UIC	Unit Identification Code
PRMA	Primary Mission Area
CHDAT	Not Used (same as TIME)
FCDAT	Forcasted Rating Date
FMART	Forcasted Rating
MARAT	PRMAR Readiness Rating
MARE1	Primary Reason
MARE2	Secondary Reason
MARE3	Tertiary Reason
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

The UIC and PRMA fields provide a key for this table and cannot
contain a null value.

4.3.1.2.2.3 Navy Special Capabilities Table. This table
contains the special capabilities of a particular command. The
following table identifies the data elements associated with
Table 4-23, the SORTS_SPCAP table.

4.3.1.2.2.4 Navy Task Command Table. This table provides
information about task commands associated with a unit. The
following table identifies the data elements associated with
Table 4-24, the SORTS_TSKCD table.

4.3.1.2.2.5 Navy Staff Table. This table provides information
about the commands staff relationships. The following table
identifies the data elements associated with Table 4-25, the
STAFF table.

Table 4-23. Navy Special Capabilities Table
(SORTS_SPCAP)

Data Element	Element Description
UIC	Unit Identification Code
SPCAP	Special Capability Code
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

Table 4-24. Navy Task Command Table
(SORTS_TSKCD)

Data Element	Element Description
UIC	Unit Identification Code
TSKCD	ANAME of Task Command
TASK_ORG	UIC of Task Command
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

Table 4-25. Navy Staff Table
(STAFF)

Data Element	Element Description
UIC	Unit Identification Code
FLEET	Fleet Code
TYCOM	Type of Command Code
SECUR	Record Security Classification
TIME	Originator/DTG of Last Update

4.3.1.2.3 <u>Army Unique Data Elements</u>. The following paragraphs describe the Army service unique table and associated data elements. The data elements are ordered to present the unique key first.   Derived elements are indicated using an asterisk (*). Descriptions are provided in brief form for each element as it is listed in the tables.   Detailed definitions for each element in the Army unique tables are provided in appendix G. The SQL statements for each table are provided in appendix H.

4.3.1.2.3.1 <u>Army ASORTS Narrative & Remark Text Table</u>. This table provides storage for narrative and remark free text in Army Status of Resources and Training System (ASORTS) USMTF reports SORTSREPAR. Its elements and descriptions are listed in Table 4-26.

Table 4-26. Army ASORTS Narrative & Remark Text
(ASORTS_NAR_RMK_TXT)

Data Element	Element Description
ASORTS_RPTD_UIC	Unit Identification Code
ASORTS_RPT_TYP_CD	USMTF Report Type Code
ASORTS_RPT_DT	Report Date
ASORTS_TEXT_TYP_CD	Standard Free Form Text Type Code
FREE_FORM_TEXT	Free Form Text
RECORD_CLASSN_CD	Record Security Classification

The ASORTS_RPTD_UIC, ASORTS_RPT_DT, and ASORTS_RPT_TYP_CD fields
provide a key for this table and cannot contain a null value.

4.3.1.2.3.2 Army Free Form Text Table. This table provides
storage for free form text that is associated with data records
in the database. The text records in this table are linked to a
specific data record or group of records by the data table name
and a data record identifier. The identifier is the
concatenation of a data record's primary key values for a single
record, partial primary key values for a group of records, or
other data string that uniquely identifies a database record or
group of records. The elements and descriptions are listed in
Table 4-27. The fields AWIS_DB_RCRD_ID, AWIS_TBL_SHRT_NM, and
FREE_TEXT_SBJCT_ID provide a key to this table and cannot contain
a null value.

Table 4-27. Army Free Form Text
(FREE_FORM_TEXT)

Data Element	Element Description
AWIS_DB_RCRD_ID	AWIS Standard Database Record Identifier
AWIS_TBL_SHRT_NM	AWIS Standard Database Table Short Name
FREE_FORM_TEXT	Free Form Text
FREE_TEXT_SBJCT_ID	Free Text Subject Identifier
RECORD_CLASSN_CD	Record Security Classification

4.3.1.2.3.3 Army Unit Table. This table provides the basic
identity and description of operational active and reserve
component units that have been registered with the Chairman of
the Joint Chiefs of Staff. The elements and descriptions are
listed in Table 4-28. The UIC field provides a key for this
table and cannot contain a null value.

Table 4-28. Army Unit Table (UNIT)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
ARMY_HQ_ID_CD	U.S. Army Headquarters Identifier Code
ASGMT	Unit Assignment Code
AVNCD	FORSCOM Aviation Unit Identification Code
BR	Unit Parent Branch Code
COMPO	Unit Duty Status Component Code
DAMPL	Army Master Priority List Code
ELSEQ	Unit assigned element sequence Number
EQUIP_REDIST_GEO	Equipment Redistribution Geolocation Code
FORCE_FLD	Unit Registration Category
FUAC	Unit Functional-area Code
HO_LOCATION	Organization Home-location Identifier
IFREQ	Organization Increased Report Frequency Identifier
ITAADS	The Army Authorization Documents System Installation Code
LIC	Logistic Indicator Code
MAC	Army Major Command Identifier
NRDY	FORSCOM Nato Readiness Code
OBFC	Force Objective CODE
ODATE	Organization Status Change Calendar Date
OESTS	Organization Status Code
ORG_ACTV_DSG	Organization Originating Activity Description
PACING	FORSCOM Pacing Item Unit Identification Code
PAOD	Unit Planned Activation-organization Code

Table 4-28. (Part 2 of 2)

PIDD	Unit Planned Inactivation-disestablishment Schedule Calendar Date
PLGEO	Unit Planned Geolocation Code
PL_LOCATION	Unit Planned-location Identifier
POMCUS_ID_CD	Unit POMCUS Identification Code
PPA	Organization PERSINS-processing-activity Code
PR_LOCATION	Organization Present Location Identifier
RECORD_CLASSN_CD	Record Security Classification
ROBCO	Unit Readiness Objective Code
R_AFF	Unit Regimental Affiliation Identifier
SEQKEY	FORSCOM Unit Readiness Reporting Sequence Sort Key
SORTS_RPTG_ROLE_CD	Status of Resources and Training Reporting Role Code
SRC	Unit Standard Requirement Code
STATC	Organization Personnel Readiness Status Code
TAADS	Unit Parent Designator Code
TAEDP_MACOM	Army Equipment Distribution Plan Command IDENTIFIER
TAPFOR	Army Reporting Installation FORSTAT Code
TPSN5	Unit Troop Program Sequence Basic Number
TPSNCD	FORSCOM Troop Program Sequence Number Identification Code
UNIT_ORG_EFF_DATE	Unit Organization Effective Date
UNIT_ORG_TYP_CD	Unit Basic Organization Type Code
UNR	Unit Number
UN_ACTL_ACTVTN_DT	Unit Actual Activation Date
UN_PLND_AVLBLTY_DT	Unit Planned Availability Date
UN_PRSNT_GEO_COORD	Unit Present Location Geographic Coordinates
UN_PRSNT_LOC_APO	Unit Present Location Army Post Office World Area Code
UN_PRSNT_LOC_ZIP	Unit Present Location Zoning Improvement Plan U.S. Postal Distribution Code

4.3.1.2.3.4 <u>Army Unit Army Status Report Table</u>. This table
contains the Army unique supplemental data to help army agencies
analyze a unit's status. Its elements and descriptions are
listed in Table 4-29.

The UIC, ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP fields provide a
key for this table and cannot contain a null value.

Table 4-29. Army Unit Army Status Report (UN_ARMY_STAT_RPT)
                    (Part 1 of 3)

Data Element	Element Description
UIC	Unit Identification Code
ARMY_STAT_RPT_DT	Unit Army Resources And Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type
AGR_ASGD	Unit Active Guard-Reserve Personnel Assigned Strength Quantity
ALO	Organization Authorized Level Code
APERT	Unit Personnel Turnover Percent
ASPER	Assigned Strength Percentage
ASRAT	Assigned Strength Percentage Rating
AUTH_DOC_EFCTV_DT	Authorization Document Effective Date
AVPER	Personnel Available Strength Percent
AVRAT	Personnel Computed Available Strength Percentage Rating Code
C5	Unit Subordinate C5-Rated Quantity
CCNUM	Authorization Document Command Control Number
COHORT_E4	Unit Cohort E4-AS-E5 Senior Grade Quantity
EHRD1	Unit Reported Equipment Readiness Code "A" Measured Resource Level One
EHRD2	Unit Reported Equipment Readiness Code "A" Measured Resource Level Two
EHRD3	Unit Reported Equipment Readiness Code "A" Measured Resource Level Three

Table 4-29. (Part 2 of 3)

EHRD4	Unit Reported Equipment Readiness Code "A" Measured Resource Level Four
EHRDBC1	Unit Reported Equipment Readiness Code "B" and "C" Measured Resource Level One
EHRDBC2	Unit Reported Equipment Readiness Code "B" and "C" Measured Resource Level Two
EHRDBC3	Unit Reported Equipment Readiness Code "B" and "C" Measured Resource Level Three
EHRDBC4	Unit Reported Equipment Readiness Code "B" and "C" Measured Resource Level Four
EHRDN	Unit Reported Equipment Readiness Code "A" Total On-hand Quantity
EHRDNBC	Unit Reported Equipment Readiness Code "B" and "C" Total On-hand Quantity
FEM_ASGD	Unit Reported Female Personnel Assigned Quantity
FEM_PREG	Unit Reported Pregnant Female Personnel Assigned Quantity
ITAEM	Training Materiel Availability Impact Code
ITAFL	Training Fuel Availability Impact Code
ITAFT	Training Fund Availability Impact Code
ITAQL	Training Qualified Leader Availability Impact Code
ITATA	Training Ammunition Availability Impact Code
ITATF	Training Facility Accessibility Impact Code
ITATM	Training Time Availability Impact Code
ITAVS	Training Assigned Strength Shortfall Impact Code
ITAVTRNG	Unit Reported Aviator Training Status Level Code
ITSDR	Training Special Duty Impact Code
MAE	Unit Commander Mission Accomplishment Estimate Percentage

Table 4-29.   (Part 3 of 3)

MSPER   Unit Personnel Available
                                  MOS-Trained Percent
MSRAT   Personnel Computed Available MOS
                                  Trained
PCTBEDDP   Medical Unit Reported Deployable
                                  Operational Bed Percentage
PERAT   Unit Mission Capable On-hand
                                  Equipment Percentage Readiness
                                  Rating Code
PERL_AS_OF_DT   POMCUS Unit Prepositioned
                                  Equipment Requirements List
                                  Reference Date
PERRY   Equipment Operational Ready-rate
                                  Percent
PIRAT   Equipment Lowest Pacing Item
                                  Readiness Identifier
PIRATE   Unit Required Equipment Pacing
                                  Item Mission Capable Percentage
                                  Readiness
PI_EMC   Equipment Pacing Item Mission
                                  Capable Percent
POMCUS_UNIT_S_LVL   POMCUS Unit Total On-hand
                                  Equipment Measured Resource
                                  Level Code
PROFIS_AVAIL   Unit Medical Professional Officer
                                  Filler Personnel Available
                                  Quantity
PROFIS_REQ   Unit Medical Professional Officer
                                  Filler Personnel Required
                                  Quantity
PSRAT   Unit On-hand Equipment Pacing
                                  Item Mission Capable Percentage
                                  Readiness
PUID   Unit Parent Identifier
RECORD_CLASSN_CD   Record Security Classification
SGPER   Unit Personnel Available senior
                                  Grade Percent
SGRAT   Personnel Computed Available
                                  Senior Grade Percentage Rating
                                  Code
TWRC1   Training Required Duration in
                                  Days
UNIT_AUTH_DOC_NBR   Unit Authorization Document
                                  Number
RECORD_CLASSN_CD   Record Security Classification

4.3.1.2.3.5 Army Unit Reported Critical Equipment or Percentage
Table. This table contains the unit reported critical equipment
items that are reducing the unit's equipment serviceability level
below R-1. Its elements and descriptions are listed in Table
4-30. The UIC, CRTCL_EQ_ITEM_LIN, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

Table 4-30. Army Unit Reported Critical Equipment or Percentage
(UN_CRTCL_EQ_OR_PCT)

Data Element	Element Description
UIC	Unit Identification Code
CRTCL_EQ_ITEM_LIN	Unit Reported Critical Equipment Item Line Number
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
CRTCL_EQ_NM	Unit Reported Critical Equipment Item
CRTCL_EQ_OR_PCTG	Unit Reported Critical Equipment Item Operationally Ready Percentage
EQ_NON_OR_RSN_CD	Unit Reported Critical Equipment Item Non-operationally Ready Reason Code
ERC	Equipment Readiness Code
RECORD_CLASSN_CD	Record Security Classification
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number

4.3.1.2.3.6 Army Unit Reported Non-Deployable Personnel Table.
This table provides storage for narrative and remark free text in
Army Status of Resources and Training System (ASORTS) USMTF
reports SORTSREPAR. Its elements and descriptions are listed in
Table 4-31. The UIC, NON_DPLYBL_RSN_CD, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

4.3.1.2.3.7 Army Unit Reported Additional Skill Shortage Table.
This table provides storage for narrative and remark free text in
Army Status of Resources and Training System (ASORTS) USMTF
reports SORTSREPAR. Its elements and descriptions are listed in
Table 4-32. The UIC, ASI, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

Table 4-31. Army Unit Reported Non-deployable Personnel Table
(UN_NON_DPLYBL_PERS)

Data Element	Element Description
UIC	Unit Identification Code
NON_DPLYBL_RSN_CD	Unit Non-deployable Personnel Reason Code
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
NON_DPLYBL_PER_QTY	Unit Reported Non-deployable Personnel Quantity
RECORD_CLASSN_CD	Record Security Classification Code

Table 4-32. Army Unit Reported Additional Skill Shortage
(UN_RPTD_ASI_SHRTG)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
ASI	Personnel Additional Skill Identifier
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
ASI_ASGD	Unit Personnel Additional Skill-identifier Assigned Strength Quantity
ASI_AUTH	Unit Personnel Additional Skill-identifier Authorized Strength Quantity
ASI_REQ	Unit Personnel Additional Skill-identifier Required Strength Quantity
RECORD_CLASSN_CD	Record Security Classification
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number

4.3.1.2.3.8 Army Unit Reported Environmental Training Table.
This table contains unit reported nuclear-biological-chemical
(NBC) defense, warm weather, and cold weather training status
data. Its elements and descriptions are listed in Table 4-33.
The UIC, ENVRNMNTL_TNG_CAT, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

Table 4-33. Army Unit Reported Environmental Training
(UN_RPTD_ENVRN_TNG)

Data Element	Element Description
UIC	Unit Identification Code
ENVRNMNTL_TNG_CAT	Unit Reported Environmental Training Category Identifier
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
ENVRNMNTL_TNG_LVL	Unit Reported Environmental Training Status Level Code
ENVRNMNTL_TNG_RMK	Unit Reported Environmental Training Status Remark Text
LVL1_ADTNL_TNG_DYS	Unit Reported Level-1 Additional Training Days Required Quantity
RECORD_CLASSN_CD	Record Security Classification

4.3.1.2.3.9 Army Unit Reported Equipment Replacement Item Table.
This table contains unit reported equipment items that were used
or not used as a replacement for a required equipment item in the
unit's on-hand equipment status computation. Its elements and
descriptions are listed in Table 4-34. The UIC,
UN_EQ_RPLCMNT_CAT, UN_EQ_RPLCMNT_LIN, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

Table 4-34. Army Unit Reported Equipment Replacement Item
(UN_RPTD_EQ_RPLCMNT)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
UN_EQ_RPLCMNT_CAT	Unit Reported Equipment

Table 4-34. (Part 2 of 2)
Replacement Item Category

```
UN_EQ_RPLCMNT_LIN        Unit Reported Equipment
                            Replacement Line Item Number
RECORD_CLASSN_CD         Record Security Classification
```

4.3.1.2.3.10 <u>Army Unit Reported Grade Strength Table</u>. This
table contains the unit reported grade strength to include the
required and authorized strength from the unit's authorization
document, the assigned strength from the Army personnel system
and available strength from the unit's records. Its elements and
descriptions are listed in Table 4-35.

Table 4-35. Army Unit Reported Grade Strength
(UN_RPTD_GRD_STRN)

Data Element	Element Description
UIC	Unit Identification Code
PERSL_GRD_RNG_CD	Unit Personnel Grade Range Code
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
GRADE_ASGD	Unit Grade Assigned Strength Quantity
GRADE_AUTH	Unit Grade Authorized Strength Quantity
GRADE_AVAIL	Unit Grade Available Strength Quantity
GRADE_REQ	Unit Grade Required Strength Quantity
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number
RECORD_CLASSN_CD	Record Security Classification

The UIC, PERSL_GRD_RNG_CD, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

4.3.1.2.3.11 <u>Army Unit Reported Language Skill Shortage Table</u>.
This table provides storage for narrative and remark free text in
Army Status of Resources and Training System (ASORTS) USMTF
reports SORTSREPAR. Its elements and descriptions are listed in
Table 4-36.

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Table 4-36. Army Unit Reported Language Skill Shortage Table
(UN_RPTD_LIC_SHRTG)

Data Element	Element Description
UIC	Unit Identification Code
UN_AUTH_LIC	Unit Authorized Personnel Position Language Indicator Code
UN_AUTH_LIC_MOS_CD	Unit Authorized Personnel Position Special Language Capability Military Occupational Code
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
RECORD_CLASSN_CD	Record Security Classification
UN_LIC_ASGD_QTY	Unit Personnel Position Special Language Capability Assigned Quantity
UN_LIC_QLFD_QTY	Unit Special Language Capability Qualified Personnel Quantity
UN_LIC_REQD_QTY	Unit Personnel Position Special Language Capability Required Quantity
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number

The UIC, UN_AUTH_LIC, UN_AUTH_LIC_MOS_CD, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

4.3.1.2.3.12 Army Unit Reported MOS Shortage Table. This table
contains the unit reported shortages of personnel that possess
the required military occupational specialty for the associated
grade required in the unit's authorization document. Its
elements and descriptions are listed in Table 4-37.

Table 4-37. Army Unit Reported MOS Shortage
(UN_RPTD_MOS_SHRTG)

Data Element	Element Description
UIC	Unit Identification Code
MOS	Military-civilian Occupational Specialty Code
MOS_GRD_CD	Unit Personnel MOS-Grade Code

```
        ARMY_STAT_RPT_DT          Unit Army Resources and Training
                                    Status Report Date
        ARMY_STAT_RPT_TYP         Unit Army Resources and Training
                                    Status Report Type Code
        MOS_P3_ADTNL_PERSL        Unit Reported MOS-Grade Strength
                                    Personnel Level Three
                                    Additional Personnel
        RECORD_CLASSN_CD          Record Security Classification
        UN_RPTD_SEQ_NBR           Unit Reported Information
                                    Sequence Number
```

The UIC, MOS, MOS_GRD_CD, ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP
fields provide a key for this table and cannot contain a null
value.

4.3.1.2.3.13 <u>Army Unit Reported NBC Equipment Category S LEVEL
Table</u>. This table provides the on-hand equipment measured
resource level (S-LEVEL) for the category of NBC equipment
reported by the unit. Its elements and descriptions are listed in
Table 4-38.

Table 4-38. Army Unit Reported NBC Equipment Category S_LEVEL
                    (UN_RPTD_NBCEQ_SLVL)

```
           Data Element              Element Description

        UIC                       Unit Identification Code
        NBC_EQ_CAT_ID             Unit Reported On-hand NBC
                                    Equipment Shortage Category
                                    Identifier
        ARMY_STAT_RPT_DT          Unit Army Resources and Training
                                    Status Report Date
        ARMY_STAT_RPT_TYP         Unit Army Resources and Training
                                    Status Report Type Code
        NBC_EQ_CAT_S_LVL          Unit Reported On-hand NBC
                                    Equipment Category Measured
                                    Resource Level Category
        RECORD_CLASSN_CD          Record Security Classification
```

The UIC, NBC_EQ_CAT_ID, ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP
fields provide a key for this table and cannot contain a null
value.

4.3.1.2.3.14 <u>Army Unit Reported On-hand Equipment Shortage
Table</u>. This table contains the unit reported on-hand equipment
item shortages. The table includes the required, authorized and
on-hand quantities for the equipment line item that is reported.
Its elements and descriptions are listed in Table 4-39.

Table 4-39. Army Unit Reported On-hand Equipment Shortage
                    (UN_RPTD_OH_EQ_SHRT)

          Data Element   Element Description

     UIC   Unit Identification Code
     ERC   Equipment Readiness Code
     UN_EQ_SHRTG_LIN   Unit Reported Equipment Item
                                   Shortage Line Number
     ARMY_STAT_RPT_DT   Unit Army Resources and Training
                                   Status Report Date
     ARMY_STAT_RPT_TYP   Unit Army Resources And Training
                                   Status Report Type Code
     RECORD_CLASSN_CD   Record Classification
     UN_EQ_AUTH_QTY   Unit Reported Equipment Item
                                   Authorized Quantity
     UN_EQ_OH_QTY   Unit Reported Equipment Item
                                   On-hand Quantity
     UN_EQ_REQD_QTY   Unit Reported Equipment Item
                                   Required Quantity
     UN_RPTD_SEQ_NBR   Unit Reported Information
                                   Sequence Number

The UIC, UN_EQ_SHRTG_LIN, ERC, ARMY_STAT_RPT_DT, and
ARMY_STAT_RPT_TYP fields provide a key for this table and cannot
contain a null value.

4.3.1.2.3.15 Army Unit Reported Pacing Item Equipment or
Percentage Table. This table Its elements and descriptions are
listed Table 4-40. The UIC, PCNG_ITEM_EQ_LIN, ARMY_STAT_RPT_DT,
and ARMY_STAT_RPT_TYP fields provide a key for this table and
cannot contain a null value.

4.3.1.2.3.16 Army Unit Reported Pacing Item Equipment Status
Table. This table contains the unit reported on-hand equipment
status to include the quantity required and authorized in the
unit's authorization document and the quantity that has been
counted in the on-hand equipment computation. Its elements and
descriptions are listed Table 4-41. The UIC, PCNG_ITEM_EQ_LIN,
ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP fields provide a key for
this table and cannot contain a null value.

4.3.1.2.3.17 Army Unit Reported Round_out Unit Status Table.
This table Its elements and descriptions are listed in Table
4-42. The UIC, ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP fields
provide a key for this table and cannot contain a null value.

Table 4-40.   Army Unit Reported Pacing Item Equipment or
              Percentage
                    (UN_RPTD_PIE_OR_PCT)

Data Element	Element Description
UIC	Unit Identification Code
PCNG_ITEM_EQ_LIN	Unit Reported Pacing Item Equipment Line Item Number
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
PCNG_ITEM_EQ_NM	Unit Reported Pacing Item Equipment Name
PCNG_ITEM_OR_PCTG	Unit Reported Pacing Equipment Operational Readiness Percentage
RECORD_CLASSN_CD	Record Security Classification
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number

Table 4-41. Army Unit Reported Pacing Item Equipment Status
                   (UN_RPTD_PIE_STAT)

Data Element	Element Description
UIC	Unit Identification Code
PCNG_ITEM_EQ_LIN	Unit Reported Pacing Item Equipment Line Item Number
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
PCNG_ITEM_AUTH_QTY	Unit Equipment Pacing Item Authorized Quantity
PCNG_ITEM_OH_QTY	Unit Reported Pacing Item Equipment On-hand Quantity
PCNG_ITEM_REQD_QTY	Unit Equipment Pacing Item Required Quantity
RECORD_CLASSN_CD	Record Security Classification
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number

Table 4-42. Army Unit Reported Round_out Unit Status
(UN_RPTD_ROUNT_STAT)

Data Element	Element Description
UIC	Unit Identification Code
ARMY_STAT_RPT_DT	Unit Army Resources and Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources and Training Status Report Type Code
RECORD_CLASSN_CD	Record Security Classification
ROUNT_COMP_EOH	Unit Roundout Composite Report Equipment On-hand C-Level Code
ROUNT_COMP_ER	Unit Roundout Composite Report Equipment Readiness C-Level Code
ROUNT_COMP_OVAL	Unit Roundout Composite Report Overall C-Level Code
ROUNT_COMP_PER	Unit Roundout Composite Report Personnel C-Level Code
ROUNT_COMP_TR	Unit Roundout Composite Report Training Readiness C-Level Code
ROUNT_EOH	Unit Roundout Equipment On-hand C-Level Code
ROUNT_ER	Unit Roundout Equipment Readiness C-Level Code
ROUNT_NAME	Unit Roundout Abbreviated Unit Name
ROUNT_OVAL	Unit Roundout Overall C-Level Code
ROUNT_PER	Unit Roundout Personnel C-Level Code
ROUNT_TR	Unit Roundout Training Readiness C-Level Code

4.3.1.2.3.18 Army Unit Reported S4 Measured Equipment Table.
This table contains the unit reported on-hand equipment items
that have a measured resource area level of four. Its elements
and descriptions are listed in Table 4-43. The UIC, ERC,
UN_S4_EQ_ITEM_LIN, ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP fields
provide a key for this table and cannot contain a null value.

4.3.1.2.3.19 Army Unit Reported SQI Shortage Table. This table
contains the unit reported personnel shortage for a specific
special qualification identifier authorized to the unit in the
unit's authorization document. Its elements and descriptions are
listed in Table 4-44. The UIC, UN_AUTH_SQI_CD, ARMY_STAT_RPT_DT,
and ARMY_STAT_RPT_TYP fields provide a key for this table and
cannot contain a null value.

Table 4-43. Army Unit Reported S4 Measured Equipment
(UN_RPTD_S4_MSRD_EQ)

Data Element	Element Description
UIC	Unit Identification Code
ERC	Equipment Readiness Code
UN_S4_EQ_ITEM_LIN	Unit Reported On-hand Equipment Measured Resource Level Four Item Line Number
ARMY_STAT_RPT_DT	Unit Army Resources And Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources And Training Status Report Type Code
RECORD_CLASSN_CD	Record Security Classification
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number
UN_S4_EQ_AUTH_QTY	Unit Reported On-hand Equipment Measured Resouce Level Four Authorization Quantity
UN_S4_EQ_OH_QTY	Unit Reported On-hand Equipment Measured Resouce Level Four On-hand Quantity
UN_S4_EQ_REQD_QTY	Unit Reported On-hand Equipment Item Measured Resource Level Four Required Quantity

4.3.1.2.3.20 _Army Unit Reported Surplus Personnel Table_. This
table contains the unit reported surplus personnel for each
military occupational specialty and associated grade in which the
surplus exists. Its elements and descriptions are listed in
Table 4-45. The UIC, SRPLS_MOS_GRD_CD, SRPLS_PERSL_MOS_CD,
ARMY_STAT_RPT_DT, and ARMY_STAT_RPT_TYP fields provide a key for
this table and cannot contain a null value.

Table 4-44. Army Unit Reported SQI Shortage
(UN_RPTD_SQI_SHRTG)
(Part 1 of 2)

Data Element	Element Description
UIC	Unit Identification Code
UN_AUTH_SQI_CD	Unit Authorized Personnel Position Special Qualification Identifier Code
ARMY_STAT_RPT_DT	Unit Army Resources And Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources And Training

Table 4-44. (Part 2 of 2)

```
                                     Status Report Type Code
        RECORD_CLASSN_CD             Record Security Classification
        UN_RPTD_SEQ_NBR              Unit Reported Information
                                     Sequence Number
        UN_SQI_ASGD_QTY              Unit Personnel Position Special
                                     Qualification Assigned Quantity
        UN_SQI_AUTH_QTY              Unit Personnel Position Special
                                     Qualification Authorized
                                     Quantity
        UN_SQI_REQD_QTY              Unit Personnel Position Special
                                     Qualification Required Quantity
```

Table 4-45. Army Unit Reported Surplus Personnel
(UN_RPTD_SRPLS_PERS)

Data Element	Element Description
UIC	Unit Identification Code
SRPLS_MOS_GRD_CD	Unit Reported Surplus Personnel Military Occupational Specialty Grade Code
SRPLS_PERSL_MOS_CD	Unit Reported Surplus Personnel Military Occupational Specialty Code
ARMY_STAT_RPT_DT	Unit Army Resources And Training Status Report Date
ARMY_STAT_RPT_TYP	Unit Army Resources And Training Status Report Type Code
RECORD_CLASSN_CD	Record Security Classification
SRPLS_MOS_GRD_QTY	Unit Reported Military Occupational Specialty Grade Surplus Personnel Quantity
UN_RPTD_SEQ_NBR	Unit Reported Information Sequence Number

4.3.2 <u>SORTS Reference Tables</u>. Reference tables are used in the SORTS community to resolve codes stored within the SORTS database. Both service unique and joint reference tables are described in the following paragraphs.

4.3.2.1 <u>Major Equipment Table</u>. The MEQPT table contains information about equipment used in the service community. The following table identifies the data elements associated with Table 4-46, the MEQPT table.

Table 4-46. Major Equipment
(MEQPT)

Data Element	Element Description
CINCFORCE	Force Command interest
CINCSTRAT	Strategic Command interest
MEQPT_KEY	Equipment Name Code
JSTAFF	Joint Staff interest
MECAP	Major Equipment Capability Indicator
MECL	Major Equipment Functional Classification Code
MEG_NAME	Equipment Name
MEQDT	Equipment Date
MODEL	Major Equipment Model
SECURE	Major Equipment Security Classification
USA	U.S. Army interest
USAF	U.S. Air Force interest
USACOM	U.S. Atlantic Command interest
USCENT	U.S. Central Command interest
USCG	U.S. Coast Guard interest
USEUCOM	U.S. European Command interest
USMC	U.S. Marine Corps interest
USN	U.S. Navy interest
USNORAD	U.S. NORAD Interest
USPACOM	U.S. PACIFIC command interest
USSOCOM	U.S. Special Ops Command interest
USSOUTH	U.S. Southern Command interest
USSPACE	U.S. Space Command interest
USTC	U.S. Transportation Command interest

4.3.2.2 <u>Type Unit Characteristics Table</u>. The TUCHA table contains common distinguishing characteristics codes used in SORTS to resolve codes stored in the UTC field. The following table identifies the data elements associated with Table 4-47, the TUCHA table.

Table 4-47. Type Unit Characteristics
(TUCHA)

Data Element	Element Description
UTC	Unit Type Code
TYPNM	Unit Type Long Name

4.3.2.3 <u>Geographic Location Table</u>. The GEO table contains location information used to resolve location codes into actual location names. The following table identifies the data elements associated with Table 4-48, the GEO table.

Table 4-48. Geographic Location (GEO)
(Part 1 of 2)

Data Element	Element Description
GEO_KEY	Geographic Location Code
NAME_GEO	Geographic Location Name
TYPECOD	Installation Type Code
CRT_CD_GEO	Country/International Affiliation Code
SNAME	Short Country/State Name
PC_GEO	Province/County Name
PNAME	Country Province Name
TACKZ_GEO	Military Region Code
LAT_GEO	Geographic Latitude
LONG_GEO	Geographic Longitude
LPR_POS1_GEO	Logistics Planning Code Position 1
LPR_POS2_GEO	Logistics Planning Code Position 2
GEOPR_GEO	Prime Geolocation Code
UIC	Unit Identification Code
ICAOCOD	International Civil Aviation Organization Code for the Geographical Location
GSASTCOD	Country/State Code
GSACTYCOD	Numeric City Code
GSACNTYCOD	Numeric Country Code
LSTUPD	Record Last Updated Date
CREDATE	Record Creation Date
CANXDATE	Record Cancellation Date
LNAME_GEO	Long Country/State Name
GCINC_GEO	Gaining Combatant Command Associated with Location
STATCOD	Status Code
RECCLASS	Record Security Classification Code
ARMYLOC	Army Location
NOCEAN_GEO	Navy Ocean Area Code
ARMY_GEO_AREA_CD	Army Unique Geographical Location Code
AWIS_DATA_SORC_ID	AGCCS Source Originator Code
COASTLINE_ID_CD	Coastline Identification Code

Table 4-48. (Part 2 of 2)

```
STANMA                         Installation-Station Abbreviated
                               Name
ST_CD                          State Code
UTM_GRID_COORD                 Geographic Universal Transverse
                               Mercator Grid Coordinates
WORLD_AREA_CODE_ID             Geographic World Area Code
                               Identifier
WTR_AREA_CD                    Water Area Code
```

4.3.2.4 <u>Processing Errors Table</u>. The ERRORS table contains the
code and message for each error associated with SORTS processing.
This includes both edit and file maintenance errors. The
following table identifies the data elements associated with
Table 4-49, the ERRORS table.

Table 4-49. Processing Errors
(ERRORS)

```
     Data Element                 Element Description

ERR_KEY                        Error Code
ERR_MESSAGE                    Error Message
```

4.3.2.5 <u>Distribution Addressee Table</u>. The DISTR_ADDR table
contains the pre-update and post-update message addressing
requirements for each UIC in the current or last update. This
table is deleted and recreated with each update. Pre-update
shows the value of zero (0) in the IND field and post-update
shows the value of one (1) in this field. Distribution is made
based on having a one in the IND field. The following table
identifies the data elements associated with Table 4-50, the
DISTR_ADDR table.

Table 4-50. Distribution Addressee
(DISTR_ADDR)

```
   Data Element                   Element Description

UIC                            Unit Identification Code
ADDR                           Addressee Unit Identification
                                 Code
TYPE                           Type of Distribution
IND                            Indicator
```

4.3.2.6 <u>History Retrieval Table</u>. The HISTORY_TABLE table
contains information about history retrievals that are to be ran
automatically at predetermined intervals. The following table
identifies the data elements associated with Table 4-51, the
HISTORY_TABLE table.

Table 4-51. History Retrieval
(HISTORY_TABLE)

Data Element	Element Description
HIST_LABEL	Query Name
HIST_TEXT	Text edited by operator
HIST_ACTIVE	Active Flag
HIST_QUERY	SQL Statements
HIST_START_TIME	Query Start Time
HIST_NEXT_TIME	Next Run Time for Query
HIST_INTERVAL	Time between runs

4.3.2.7 <u>STOCK Table</u>. The STOCK table is used to hold the UIC's
of units that qualify for the STOCK processing. The following
table identifies the elements associated with Table 4-52, the
STOCK table.

Table 4-52. STOCK
(STOCK)

Data Element	Element Description
STOCK_UIC	STOCK Unit Identification Code

4.3.2.8 <u>Air Force DOC Identifier Table</u>. The DOCID table
associates a DOC code with a mission title and short title. DOCs
are mission area assigned to air force organizations. The
following table identifies the data element associated with Table
4-53, the DOCID table.

Table 4-53. Air Force DOC Identifier
(DOCID)

Data Element	Element Description
DOCID_KEY	Document Identification Code
CAP	Capability
MISSION	Mission Nomenclature

4.3.2.9 <u>Army Adopted Materiel NSN Item Table</u>. This table
provides the national stock numbered (NSN) items that the Army
has adopted for its use. The elements and descriptions are
listed in Table 4-54.

Table 4-54. Army Adopted Materiel NSN Item (ARMY_ADOPTD_NSN)

Data Element	Element Description
ARMY_ADOPTD_NSN	Army Adopted Materiel Item National Stock Number
ARMY_TYP_DSGNTR	Army Materiel Item Designator
BDGT_ACTVTY_CD	Army Materiel Item Appropriation and Budget Activity Account Code
CNTRLD_INVNTRY_CD	Army Controlled Materiel Item Inventory Code
LOG_CNTRL_CD	Army Materiel Item Logistic Control Code
MTRL_ITEM_RFRN_DOC	Army Materiel Item Reference Document Number
MTRL_ITEM_UNIT_CST	Army Materiel Item Issue Unit Cost In U.S. Dollars and Cents
MTRL_LINE_ITEM_NBR	Army Materiel Line Item Number
MTRL_NSN_DSCRPTN	Materiel Item National Stock Number Description
MTRL_STAT_RCRD_ID	Army Materiel Item Status Committee Record Identifier
MTRL_TYP_CLASSN_CD	Army Materiel Item Life Cycle Status Identification Code
RECORD_CLASSN_CD	Record Security Classification
SPCL_CNTRL_ITEM_CD	Army Special Control Materiel Item Identifier Code
SUPPLY_CLASS_CD	Supply Class Identification Code
SUPPLY_SUBCLASS_CD	Supply Subclass Identification Code
UNIT_OF_ISSUE_CD	Materiel Item Unit-Of-Issue Code

4.3.2.10 <u>Assignment Code Reference Table</u>. This table provides a reference for valid Army unit assignment codes and their associated descriptions. The elements and descriptions are listed in Table 4-55.

Table 4-55. Assignment Code Reference (ASGMT_CD_REF)

Data Element	Element Description
ASGMT	Unit Assignment Code
ASGMT_CD_DESC	Unit Assignment Code Description
RECORD_CLASSN_CD	Record Classification Code

4.3.2.11 <u>Assignment Code Unit Reference Table</u>. This table associates a valid Army assignment command code with one or more Army units. The elements and descriptions are listed in Table 4-56.

Table 4-56. Assignment Code Unit Reference
(ASGMT_CD_UNIT_REF)

Data Element	Element Description
ASGMT	Unit Assignment Code
RECORD_CLASSN_CD	Security Classification
UIC	Unit Identification Code

4.3.2.12 <u>ASORTS Transaction Error Message Reference Table</u>. This
table provides standard error messages for ASORTS applications
identified uniquely by an error code. The elements and
descriptions are listed in Table 4-57.

Table 4-57. ASORTS Transaction Error Message Reference
(ASORTS_ERR_MSG_REF)

Data Element	Element Description
ASORTS_ERROR_CD	Asorts Error Code
ASORTS_ERROR_MSG	Asorts Transaction Error Message
RECORD_CLASSN_CD	Record Security Classification

4.3.2.13 <u>Unit Status Reporting Cycle Table</u>. This table provides
the begin date and end date for the regular monthly unit status
reporting cycle. The elements and descriptions are listed in
Table 4-58.

4.3.2.14 <u>ASORTS Unit Status Report Status Table</u>. This table
provides accounting information for Army units that are required
to submit unit status reports (USR). The elements and
descriptions are listed in Table 4-59.

Table 4-58. Unit Status Reporting Cycle
(ASORTS_USR_CYCL)

Data Element	Element Description
USR_CYCL_BGN_DT	Unit Status Report Cycle Begin Calendar Date
USR_CYCL_END_DT	Unit Status Report Cycle End Calendar Date
RECORD_CLASSN_CD	Record Classification Code

```
           Table 4-59.  ASORTS Unit Status Report Status
                     (ASORTS_USR_STAT)


           Data Element              Element Description

      ARMY_STAT_RPT_DT           Unit Army Resources And Training
                                     Status Report Date
      ARMY_STAT_RPT_TYP          Unit Army Resources And Training
                                     Status Report Type Code
      RECORD_CLASSN_CD           Record Security Code
      UIC                        Unit Identification Code
      USR_PRCSNG_DT              Unit Status Report Processing
                                     Date
      USR_PRCSNG_STAT            Unit Status Report Processing
                                     Status
```

4.3.2.15 Attached Command Code Reference Table. This table
provides the attach code, the unit it represents (UIC), and a
short textual description of the major command that has
acknowledged reporting responsibilities for a unit upon transfer.
The elements and descriptions are listed in Table 4-60.

4.3.2.16 Branch Series and Service Branch Functional Category
Cross Reference Table. This table Identifies the branch codes,
the corresponding proponent branch series code, and the Army unit
type functional category code. Also, provides the description
associated with each code. The elements and descriptions are
listed in Table 4-61.

4.3.2.17 Component Code-Organization Status Cross Reference
Table. This table provides a cross reference table which relates
the unit duty status (COMPO) with the organization status code
(OESTS). The elements and descriptions are listed in Table 4-62.

```
           Table 4-60.  Attached Command Code Reference
                     (ATACH_CMD_CD_REF)


           Data Element              Element Description

      ATACH                      Organization Attached Command
                                     Unit Identification Code
      ATACH_CD                   Organization Attached Command
                                     Code
      MAC                        Army Major Command Identifier
      RECORD_CLASSN_CD           Record Security Code
```

Table 4-61. Branch Series and Service Branch Functional Category
            Cross Reference
                      (BR_SRS_SRVC_BR_REF)

        Data Element   Element Description

    BR   UNIT PARENT BRANCH CODE
    BR_DSCRPTN   Unit Parent Branch Description
    BR_SRS_CD   Proponent Branch Series Code
    BR_SRS_TITL   Proponent Branch Series Title
    RECORD_CLASSN_CD   Record Security Code
    UN_TYP_FNCTNL_CAT   Army Unit Type Functional
                                  Category Code
    UN_TYP_FNCTNL_DESC   Army Unit Type Functional
                                  Category Description

  Table 4-62. Component Code-Organization Status Cross Reference
                      (COMPO_OESTS_XREF)

        Data Element   Element Description

    COMPO   Unit Duty Status Component Code
    COMPO_DESC   Unit Duty Status Component
                                  Description
    OESTS   Organization Status Code
    OESTS_DESC   Organization Status Description
    RECORD_CLASSN_CD   Record Security Code

4.3.2.18 Equipment Non-Operationally Ready Reason Reference
Table. This table provides a reference for the reasons that a
unit's equipment is non_operationally ready. The elements and
descriptions are listed in Table 4-63.

4.3.2.19 Army Materiel Line Item Table. This table provides the
materiel Items for which the Army has assigned a line item number
to identify collectively all national stock numbered (NSN)
materiel items possessing the same functional capability. The
elements and descriptions are listed in Table 4-64.

4.3.2.20 Reserve Command Assignment Reference Table. This table
provides a reference for valid Army Reserve commands to which a
US Army reserve unit may be assigned or attached. The elements
and descriptions are listed in Table 4-65.

4.3.2.21 Reporting Command Location Reference Table. This table
identifies characteristics applicable to a unit that are
determined by the unit's location which is used as a reference
when assigned PERSINS Processing Activity (PPA), sub-reporter,
sub-reporter 2, and zip code values for a reserve component unit

Table 4-63. Equipment Non-Operationally Ready Reason Reference
(EQ_NON_OR_RSN_RFRN)

Data Element	Element Description
EQ_NON_OR_RSN_CD	Unit Reported Critical Equipment Item Non_operationally Ready Reason Code
EQ_NON_OR_RSN_DESC	Unit Reported Critical Equipment Item Non-operationally Ready Reason Description
RECORD_CLASSN_CD	Record Security Code

that has been mobilized. The elements and descriptions are
listed in Table 4-66.

Table 4-64. Army Materiel Line Item
(MTRL_LINE_ITEM)

Data Element	Element Description
CMDTY_MGT_CD	Army Materiel Item Commodity Management Code
CMRCL_PRCRMNT_ITEM	Army Materiel End Item Base Level Commercial Procurement Designation Code
CNTRLD_ITEM_CD	Army Materiel Controlled Item Code
MTRL_ITEM_GNRC_NM	Army Materiel Item Generic Name
MTRL_LINE_ITEM_NBR	Army Materiel Line Item Number
MTRL_RTNG_INDR_CD	Materiel Item Routing Identifier Code
RPTBL_ITM_CNTRL_CD	Army Reportable Materiel Item Control Code
SB700_20_CHPTR_NBR	Army Supply Bulletin 700-20 Chapter Number
RECORD_CLASSN_CD	Record Security Code

Table 4-65. Reserve Command Assignment Reference
(RESV_CMD_ASGMT_REF)

Data Element	Element Description
ARGO	Reserve Organization Command Code
ARGO_CD_DESC	Army Reserve Command Assignment Code Description
RECORD_CLASSN_CD	Record Security Code
UIC	Unit Identification Code

Table 4-66. Reporting Command Location Reference
(RPTG_CMD_LOC_REF)

Data Element	Element Description
GEOLOC_CD	Geographic Location Code
APO_WRLD_AREA_CD	Army Post Office World Area Code
PPA	Organization Persins-processing-activity Code
SBRPT	Organization Subordinate Reporting Code
SBRPT2	Organization Alternate Subordinate Reporting Code
ZIP	Standard Zoning Improvement Plan Postal Distribution Area Code
RECORD_CLASSN_CD	Record Security Classification

4.3.2.22 Standard Requirement Code - Unit Type Code Reference Table. This table is used in the unit type code development and unit type characteristics (TUCHA) update transaction process. Standard requirement codes from the Army tables of organization and equipment (TOE) are linked to current and new Army unit type codes for entry in the JCS TUCHA reference file. The elements and descriptions are listed in Table 4-67.

4.3.2.23 Table Of Distribution And Allowances Unit Activity Code - Unit Type Code Cross Reference Table. This table Provides a cross reference for a TDA unit's activity code, which is position 3 and 4 of a TDA unit's troop program sequence number (TPSN) and the TDA unit's unit type code (UTC). The elements and descriptions are listed in Table 4-68.

Table 4-67. Standard Requirement Code - Unit Type Code Reference
(SRC_UTC_XREF)

Data Element	Element Description
SRC	Unit Standard Requirement Code
BR	Unit Parent Branch Code
RECORD_CLASSN_CD	Record Security Code
TOE_REQD_PERSL_QTY	Table Of Organization And Equipment Required Personnel Total Quantity
TOE_SHORT_TITLE	Table Of Organization And Equipment Short Title
TOE_STAT_CD	Table Of Organization And Equipment Status Code
ULC	Unit Level Code
UTC	Unit Type Code

```
    Table 4-68.  Table Of Distribution And Allowances Unit Activity
              Code - Unit Type Code Cross Reference
                       (TDA_TPSN_UTC_XREF)


         Data Element                    Element Description

    TDA_UNIT_ACTVTY_CD            Unit Activity Code
    RECORD_CLASSN_CD              Record Security Code
    UTC                          Unit Type Code
```

4.3.2.24 <u>Unit Alternate Sub-Reporter Table</u>. This table provides
alternate sub-reporters which are units designated by the major
command as alternates to a unit's primary sub-reporter with
responsibility for submitting status reports for the unit to the
unit's reporting organization. The elements and descriptions are
listed in Table 4-69.

4.3.2.25 <u>ASORTS Report Control Number Log Table</u>. This table
contains report control information for all in-coming and
outgoing Status of Resources and Training reports for a specific
subordinate unit/organization that are processed by a higher
level organization. The elements and descriptions are listed in
Table 4-70.

4.3.2.26 <u>Airfield Main Table</u>.   This reference table contains
government and commercial airport runway information for selected
geographical locations. The elements and descriptions are listed
in Table 4-71.

```
            Table 4-69.  Unit Alternate Sub-Reporter
                      (UNIT_ALTN_SUBRPTR)

         Data Element                Element Description

    ALTN_SBRPT              Organization Alternate
                            Subordinate Reporting
                            Organization Code
    RECORD_CLASSN_CD        Record Security Code
    REPORTING_PRIORITY      Standard Reporting Priority
                               Identifier
    UIC                     Unit Identification Code
```

Table 4-70.   ASORTS Report Control Number Log
              (ASORTS_RPT_NBR_LOG)

Data Element	Element Description
EXTRNL_ORG_UIC	ASORTS Report External Organization Unit Identification Code
RPT_PRCSNG_ORG_UIC	ASORTS Report Processing Organization Unit Identification Code
CNTNT_IND_CD	ASORTS Transaction Report Content Indicator Code
INCMNG_PRCSNG_DTT	ASORTS Incoming Report processing Date-Time
INCMNG_RPT_DTG	Incoming Report Date-Time-Group
INCMNG_RPT_NBR	ASORTS Transaction Incoming Report Number
OUTGNG_PRCSNG_DTT	ASORTS Outgoing Report Processing Date-Time
OUTGNG_RPT_COM_DTG	ASORTS Outgoing Report Communication System Date-Time-Group
OUTGNG_RPT_DTG	ASORTS Outgoing Report Date-Time-Group
OUTGNG_RPT_NBR	ASORTS Transaction Outgoing Report Number
RECORD_CLASSN_CD	Record Security Classification

Table 4-71. Airfield Main Table (APORTS)
             (Part 1 of 2)

Data Element	Element Description
GEOCOD	Geographical Location Code
RECCLASS	Security Classification Code
CREDATE	APORTS Record Creation Date
LSTUPD	APORTS Last Updated Date
ARFIFCC	Airfield Geolocation Country Code
BENUM	World Area Code and Installation Number
RUNLGTH	Primary Runway Length
ICAOCOD	International Civil Aviation Organization Code
AFLDSTAT	Airfield Operation Authority Code
LDCLASS	Load/Unload Classification Number

Table 4-71. (Part 2 of 2)

IARNEP	IFR Maximum Hourly Arrivals Without Departures
IDEPNAR	IFR Maximum Hourly Departures Without Arrivals
IARDEP	IFR Maximum Hourly Departures When Maximum Arrivals Occur
VARNDEP	VFR Maximum Hourly Arrivals Without Departures
VDEPNAR	VFR Maximum Hourly Departures Without Arrivals
TOTPARK	Aircraft Loading Parking Area Code
GEOLOC	Geographical Location Country Code
PRK5	C5 Aircraft Load/Unload Parking Capacity Number
PRKC141	C141 Aircraft Load/Unload Parking Capacity Number
PRKC130	C130 Aircraft Load/Unload Parking Capacity Number
PRKKC10	KC10 Aircraft Load/Unload Parking Capacity Number
PRKKC135	KC135 Aircraft Load/Unload Parking Capacity Number
PRK747	747 Aircraft Load/Unload Parking Capacity Number
PRKB52	B52 Aircraft Load/Unload Parking Capacity Number
CGOC5	Daily Arrival C5 Aircraft Short Ton Cargo Unload Capability
CGOC141	Daily Arrival C141 Aircraft Short Ton Cargo Unload Capability
CGOC130	Daily Arrival C130 Aircraft Short Ton Cargo Unload Capability
CGOKC10	Daily Arrival KC10 Aircraft Short Ton Cargo Unload Capability
CGOKC135	Daily Arrival KC135 Aircraft Short Ton Cargo Unload Capability
CGOLRWC	Daily Arrival Long Range Wide Body Aircraft Short Ton Cargo Unload Capability

Table 4-71. (Part 2 of 3)

CGORECP	Lowest Aircraft Type Reception Code
PASNGER	Passenger Arrival Capacity
CGOTHRU	Daily Short Ton Cargo Received/Discharge/Cleared Capability
PASSTHRU	Daily Passengers Received/Discharge/Cleared Capability
UIC	Unit Identification Code
PRIORFLG	Airfield Priority Flag

4.3.2.27 <u>Aircraft Parking Area Table</u>.   This reference table contains government and commercial aircraft parking area information for selected geographical locations. The elements and descriptions are listed in Table 4-72.

Table 4-72. Aircraft Parking Area Table
(APRON)

Data Element	Element Description
GEOCOD	Geographical Location Code
APIDENT	Aircraft Parking Area Identifier
APNUM	Same Aircraft Parking Area Type Count
APNAME	Aircraft Parking Area Usage
APDIM	Aircraft Parking Area Dimension
APSFC	Aircraft Parking Area Surface Code
APCOND	Aircraft Parking Area Condition Code
APTYPE	Aircraft Parking Area Type Code
APCAP	Maximum Aircraft Parking Area Capability Code
APWIDTH	Aircraft Parking Area Access Width
APAREA	Aircraft Parking Square Feet Dimensions
RECCLASS	Security Classification
LSTUPD	APORTS Last Updated Date
APUSER	Aircraft Parking Area Assigned Operational Plan Force

4.3.2.28 <u>Aircraft Parking Condition Table</u>.   This reference
table contains government and commercial aircraft parking
condition information for selected geographical locations. The
elements and descriptions are listed in Table 4-73.

Table 4-73. Aircraft Parking Condition Table
(APCONDITION)

Data Element	Element Description
APCOND	Aircraft Parking Condition Code
DEFINITION	Aircraft Parking Condition Plain Language Description

4.3.2.29 <u>Aircraft Parking Surface Table</u>.   This reference table
contains government and commercial aircraft parking surface
information for selected geographical locations. The elements
and descriptions are listed in Table 4-74.

Table 4-74. Aircraft Parking Surface Table
(APSURFACE)

Data Element	Element Description
APSFC	Aircraft Parking Surface Code
DEFINITION	Aircraft Parking Surface Plain Language Description

4.3.2.30 <u>Aircraft Parking Type Table</u>.   This reference table
contains government and commercial aircraft parking type
information for selected geographical locations. The elements
and descriptions are listed in Table 4-75.

Table 4-75. Aircraft Parking Type Table
(APTYPE)

Data Element	Element Description
APTYPE	Aircraft Parking Type Code
NAME	Usage Type Category
DEFINITION	Aircraft Parking Type Plain Language Description

4.3.2.31 <u>Aircraft Parking Remark Table</u>. This reference table
contains government and commercial aircraft parking remarks for
selected geographical locations. The elements and descriptions
are listed in Table 4-76.

Table 4-76. Aircraft Parking Remarks Table
(AREMARKS)

Data Element	Element Description
GEOCOD	Geographical Location Code
REMNUM	Remark Count
RECCLASS	Security Classification Code
REMDATE	Remark Date
COMMENTS	Supplementary Information

4.3.2.32 <u>Airfield Clearance Table</u>. This reference table
contains government and commercial airfield clearance information
for selected geographical locations. The elements and
descriptions are listed in Table 4-77.

Table 4-77. Airfield Clearance Table
(CLEARANCE)

Data Element	Element Description
GEOCOD	Geographical Location Code
RECCLASS	Security Classification Code
LSTUPD	CLEARANCE Last Update Date
OUIC	Originating Unit Identification Code
RDMODE	Road Clearance Mode Code
CGORDCLR	Daily Road Short Ton Cargo Discharge Capability Count
PASSRDCLR	Daily Road Passengers Discharge Capability Count
TRMODE	Train Clearance Code
CGOTRCLR	Daily Train Short Ton Cargo Discharge Capability Count
PASSTRCLR	Daily Train Passenger Discharge Capability Count
WATERMODE	Water Clearance Mode Code
CGOWACLR	Daily Water Short Ton Cargo Discharge Capability Count
PASSWACLR	Daily Water Passenger Discharge Capability Count

4.3.2.33 <u>Airfield Discharge Table</u>.   This reference table contains information on the amount of cargo and passengers that can be stored and cleared through government and commercial airfields. The elements and descriptions are listed in Table 4-78, the Discharge Table.

Table 4-78. Airfield Discharge Table
(DISCHARGE)

Data Element	Element Description
GEOCOD	Geographical Location Code
RECCLASS	Security Classification Code
LSTUPD	DISCHARGE Last Update Date
OUIC	Originating Unit Identification Code
CGOBULK	Short Ton Bulk Cargo Processed Count
CGOOVER	Short Ton Oversized Cargo Processed Count
CGOOUT	Short Ton Outsized Cargo Processed Count
PASNGER	Passengers Processed Count
COVSTOR	Covered Storage Area Count
IMPSTOR	Uncovered Paved Storage Area Count
UNIMPSTOR	Uncovered Unpaved Storage Area Count

4.3.2.34 <u>Army Totals Table</u>.   This reference table contains unique United States Army summary information for effective military service management. The elements and descriptions are listed in Table 4-79.

Table 4-79. Army Totals Table
(ARMYTOTALS)
(Part 1 of 5)

Data Element	Element Description
UIC	Unit Identification Code
MDATE	Scheduled Mobilization Period
MBDATE	Scheduled Mobilization Date
RICDA	As Of Category Level Change Date
PICDA_AC	Officer Strength Information Change Date

Table 4-79.(Part 2 of 5)

PICDA_AE	Enlisted Strength Information Change Date
PICDA_CS	Civilian Strength Information Change Date
PICDA_AW	Warrant Officer Strength Information Change Date
PAOD	Planned Action Date
ASGMT	Unit Assignment Code
MBCMB	Mobilization Command Unit Identification Code
RPTOR	Reporting Organization Unit Identification Code
OPCON	Operational Control Unit Identification Code
ADCON	Administrative Control Unit Identification Code
ATCOM	Attached Command Unit Identification Code
MJCOM	Major Command Unit Identification Code
GCMD	Gaining Command Unit Identification Code
MAC	Major Army Command
PERS	Total Authorized Wartime Strength
PERSO	Officer Authorized Wartime Strength
PERSW	Warrant Officer Authorized Wartime Strength
PERSE	Enlisted Authorized Wartime Strength
TOTPOSTR	Total Processed Personnel Strength
POSTR_AC	Officer Total Processed Personnel Strength
POSTR_AW	Warrant Officer Total Processed Personnel Strength
POSTR_AE	Enlisted Total Processed Personnel Strength
TOTDEPS	Total Deployable Strength
DEPS_AC	Officer Deployable Strength
DEPS_AW	Warrant Officer Deployable Strength
DEPS_AE	Enlisted Deployable Strength
TOTSTRUC	Total Structure Strength

Table 4-79.(Part 3 of 5)

STRUC_AC	Officer Total Structure Strength
STRUC_AW	Warrant Officer Total Structure Strength
STRUC_AE	Enlisted Total Structure Strength
TOTAUTH	Total Authorized Strength
AUTH_AC	Officer Total Authorized Strength
AUTH_AW	Warrant Officer Total Authorized Strength
AUTH_AE	Enlisted Total Authorized Strength
TOTASGD	Total Assigned Strength
ASGD_AC	Officer Assigned Strength
ASGD_AW	Warrant Officer Assigned Strength
ASGD_AE	Enlisted Assigned Strength
ASGD_CS	Civilian Personnel Assigned Strength
RO6	Required Officer (O-6) Count
AO6	Authorized Officer (O-6) Count
ASO6	Assigned Officer (O-6) Count
RO5	Required Officer (O-5) Count
AO5	Authorized Officer (O-5) Count
ASO5	Assigned Officer (O-5) Count
RO4	Required Officer (O-4) Count
AO4	Authorized Officer (O-4) Count
ASO4	Assigned Officer (O-4) Count
ARO3	Required Officer (O-3, Pt 1) Count
BRO3	Required Officer (O-3, Pt 2) Count
AO3	Authorized Officer (O-3) Count
ASO3	Assigned Officer (O-3) Count
RO21	Required Officer (O-2, O-1) Count
AO21	Authorized Officer (O-2, O-1) Count
ASO21	Assigned Officer (O-2, O-1) Count

Table 4-79.(Part 4 of 5)

RWO	Required Warrant Officers Count
AWO	Authorized Warrant Officers Count
ASWO	Assigned Warrant Officers Count
RE9	Required Sergeant Major (E-9) Count
AAE9	Authorized Sergeant Major (E-9, Pt 1) Count
BAE9	Authorized Sergeant Major (E-9, Pt 1) Count
ASE9	Assigned Sergeant Major (E-9) Count
RE8	Required Master Sergeant(E-8) Count
AE8	Authorized Master Sergeant (E-8) Count
ASE8	Assigned Master Sergeant (E-8) Count
RE7	Required Sergeant First Class (E-7)Count
AE7	Authorized Sergeant First Class (E-7) Count
ASE7	Assigned Sergeant First Class (E-7) Count
RE6	Required Staff Sergeant (E-6) Count
AE6	Authorized Staff Sergeant (E-7) Count
AASE6	Assigned Staff Sergeant (E-7, Pt 1) Count
BASE6	Assigned Staff Sergeant (E-7, Pt 2) Count
RE5	Required Sergeant(E-5)Count
AE5	Authorized Sergeant (E-5) Count
ASE5	Assigned Sergeant (E-5)Count
COHORT	Assigned E-4 Counted As E-5 Amount
AVO	To Be Determined
AVW	To Be Determined
AVS	To Be Determined
AAVE	To Be Determined
BAVE	To Be Determined
FASG	Assigned Females Count
FPREG	Pregnant Females Count

Table 4-79.(Part 5 of 5)

```
FAGR                            Guarsmen/Reservist Count
CBT_DES                         To Be Determined
RES2                            To Be Determined
AES2                            To Be Determined
ASEE2                           To Be Determined
```

4.3.2.35 <u>Army Unique Data Table</u>.   The Army Unique Data Table
provides an alternate view of the merged unit unique supplemental
data that is normally not visible by the joint community. The
requirement was established by the U. S. Special Operations
Command, USSOCOM, for access to the information. The source of
data is HQ Army and it is loaded only on the USSOCOM, NMCC, and
Army CINC GCCS sites. This reference table elements and
descriptions are listed in Table 4-80.

4.3.2.36 <u>Army Geographical Table</u>.   The Army Geographical Table
contains supplemental references unique to the Geographical
Location Table. The elements and descriptions are listed in Table
4-81, the ARMYGEO table.

4.3.2.37 <u>Army Guard Unique Remarks Table</u>.   This reference table
contains unique remarks applicable to U. S. Army Guard units,
that is normally not visible by the joint community. The
requirement was established by the U. S. Special Operations
Command, USSOCOM, for access to the information. The source of
data is HQ Army and it is loaded only on the USSOCOM, NMCC, and
Army CINC GCCS sites. The elements and descriptions are listed
in Table 4-82.

4.3.2.38 <u>Army Reserves Unique Remarks Table</u>.   This reference
table contains unique remarks applicable to U. S. Army Reserves
units, that is normally not visible by the joint community. The
requirement was established by the U. S. Special Operations
Command, USSOCOM, for access to the information. The source of
data is HQ Army and it is loaded only on the USSOCOM, NMCC, and
Army CINC GCCS sites. The VMENT table elements and descriptions
are listed in Table 4-83.

```
                  Table 4-80.  Army Unique Table
                         (ARMYUNIQUE)
                         (Part 1 of 4)

        Data Element                Element Description

    UIC                         Unit Identification Code
    ANAME                       Abbreviated Organization Name
    COMP                        Unit Duty Component Code
    SRC                         Unit Standard Requirement
                                Code
    TPSN                        Unit Troop Program Sequence
                                Number
    UTC                         Unit Type Code
    ULC                         Unit Level Code
    DAMPL                       Department of the Army Master
                                  Priority List
    FUAC                        Functional Area Code
    UDC                         Unit Descriptor Code
    ACTIV                       Current Activity Status Code
    FORCEFLD                    Unit Registration Category
    TAADS                       Parent Unit Designator Code
    OESTS                       Organizational status Code
    PUID                        Parent Unit Identification
                                 Code
    STATC                       Personnel Status Code
    PPA                         Organization PERSINS -
                                Processing Activity Code
    FRN                         Force Requirement Number
    NUCIN                       Nuclear Capability Indicator
                                Code
    NTOCM                       NATO Operational Commitment
                                Code
    CSERV                       CINC/Service Command Code
    LOCNA_HO                    Army Activity Geolocation
                                Name
    LOCNA_AC                    Army Personnel Residence
                                Geographical Location Name
    LOCNA_PR                    Present/Potential Military
                                Significance Geographical
                                Location Name
    AREAX_HO                    Unit Home Geographical
                                Location Area
    AREAX_AC                    Unit Mobilization
                                  Geographical Location Area
    AREAX_PR                    Present Geographical Location
                                  Area
    HOGEO                       Unit Home Location Code
```

Table 4-80. (Part 2 of 4)

ACGEO	Extended Active Duty Geographical Location Code
PRGEO	Present Geographical Location Code
ARLOC_HO	Army Home Location Code
ARLOC_AC	Army Mobilization Location Code
ARLOC_PR	Army Present location Code
ZIP	Zip Code
ZIP_FIL	Zip Code Suffix
APO	Army Postal Office
ALO	Authorized Level of Organization Code
LIM	Category Level Limitation
RLIM	Category Level Limitation Reason Code
READY	Current Overall Category Level Code
RMAE	Mission Accomplishment Estimate
REASN	Overall Reason Organization - Not C1 Code
SECRN	Secondary Reason Organization - Not C1 Code
TERRN	Tertiary Reason Organization - Not C1 Code
PRRAT	Personnel Category Level Code
PRRES	Coded Reason Personnel Not C1
AVRAT	Equipment Availability Code
AVPER	Unit Personnel Available Strength Percent
MSRAT	Personnel Computed Available MOS Trained Percentage Rating Code
MSPER	Unit Personnel Available MOS Trained Percent
SGRAT	Personnel Computed Available Senior Grade Percentage Rating Code
SGPER	Unit Personnel Available Senior Grade Percent
APERT	Unit Personnel Turnover Percentage
ASRAT	Assigned Strength Percentage Rating
ASPER	Assigned Strength Percentage

Table 4-80. (Part 3 of 4)

ESRAT	Equipment/Supplies Category Level Code
ESRES	Coded Reason Equipment/ Supplies Not C-1
PERAT	Unit Mission Capable On-Hand Equipment Percentage
PERRY	Equipment Operational Ready-Rate Percent
PIRAT	Equipment Lowest Pacing Item Readiness Identifier
PSRAT	Unit On-Hand Equipment Pacing Item Mission Capable Percentage Readiness
PI_EMC	Equipment Pacing Item Mission Capable Percent
ERRAT	Equipment Condition Category Level Code
ERRES	Coded Reason Equipment Condition Not C-1
ERPER	Require Mission Capable Equipment Percentage
PIRATE	Unit Required Equipment Pacing Item Mission Capable Percentage Readiness
PI_ER	Required Pacing Item Mission Capable percentage Readiness
TRRAT	Training Category Level Code
TRRES	Coded Reason Training Not C-1
TWRC1	Training Required Duration in Days
ITAVS	Training Assigned Strength Shortfall Impact Code
ITSDR	Training Special Duty Impact Code
ITAFT	Training Fund Availability Impact Code
ITAQL	Training Qualified Leader Availability Impact Code
ITATF	Training Facility Accessibility Impact Code
ITAFL	Training Fuel Availability Impact Code
ITATA	Training Ammunition Availability Impact Code
ITATM	Training Time Availability Impact Code

Table 4-80. (Part 4 of 4)

ITAEM	Training Material Availability Impact Code
EHRD1	Unit Reported Equipment Readiness Code "A" Measured Resource Level One
EHRD2	Unit Reported Equipment Readiness Code "A" Measured Resource Level Two
EHRD3	Unit Reported Equipment Readiness Code "A" Measured Resource Level Three
EHRD4	Unit Reported Equipment Readiness Code "A" Measured Resource Level Four
EHRDN	Unit Reported Equipment Readiness Code "A" Total On-hand Quantity

Table 4-81. Army Geographical Location Table
(ARMYGEO)

Data Element	Element Description
AG_KEY	Army Geographical Location Key
AG_AREA_CD	Army Unique Geographical Location Code
AG_SORC_ID	Army Source Originator Code
AG_COAST	Army Coastline Identification Code
AG_STANMA	Army Installation-Station Abbreviated Name
AG_ST_CD	Army Status Code
AG_UTM	Army Geographic Universal Transverse Mercator Grid Coordinates
AG_WAC_ID	Army Geographic World Area Code Identifier
AG_WAREA_CD	Army Geographic World Area Code

4.3.2.39 Army Unique Remarks Table. This reference table contains unique remarks applicable to U. S. Army units, that is normally not visible by the joint community. The requirement was established by the U. S. Special Operations Command, USSOCOM, for access to the information. The source of data is HQ Army and it is loaded only on the USSOCOM, NMCC, and Army CINC GCCS sites. The elements and descriptions are listed in Table 4-84.

Table 4-82. Army Guard Unique Remarks Table
(GMENT)

Data Element	Element Description
TYPE_CARD	Card Type
SEQ_NO1	Primary Sequence Number
TYPE_LABEL	Applicable Data Element Label
UIC	Unit Identification Code
SEQ_NO2	Secondary Sequence Number
OUT_DATA	Remark

Table 4-83. Army Reserve Unique Remarks Table
(VMENT)

Data Element	Element Description
TYPE_CARD	Card Type
SEQ_NO1	Primary Sequence Number
TYPE_LABEL	Applicable Data Element Label
UIC	Unit Identification Code
SEQ_NO2	Secondary Sequence Number
OUT_DATA	Remark

Table 4-84. Army Unique Remarks Table
(RMENT)

Data Element	Element Description
TYPE_CARD	Card Type
SEQ_NO1	Primary Sequence Number
TYPE_LABEL	Applicable Data Element Label
UIC	Unit Identification Code
SEQ_NO2	Secondary Sequence Number
OUT_DATA	Remark

4.3.2.40 Unit Characteristic Data Table for AB Records. This reference table provides an alternative view of the TUCHA references table for AB type records. The elements and descriptions are listed in Table 4-85.

4.3.2.41 Unit Characteristic Data Table for ABF1 Records. This reference table provides an alternative view of the TUCHA references table for ABF1 type records. The elements and descriptions are listed in Table 4-86.

Table 4-85. Unit Characteristic Data Table
(UCDA0)

Data Element	Element Description
UTC	Unit Type Code
UCD	Unit Input Record Key Element Code
UCDSEQ	Unit Input Record Key Element Code Sequence Number
ULC	Unit Level Code
DEPLYCOD	Unit Deployability Type Code
SERVICECOD	Service Code
RECCLASS	Record Security Classification Code
SNAME	Short Country/State Name
UNITSTAT	Unit Type Status Code
UNITNAME	Official Unit Name
UIC	Unit Identification Code
CREDATE	Record Creation Date
LSTUPD	Record Last Updated Date
WARSTRGNTH	Authorized Wartime Personnel Strength
DATECANX	Record Cancellation Date
REFDOC	Documentation Authorization Type
REPUTC	Replacement Unit Code

4.3.2.42 <u>Unit Type Characteristic Code-Replacement Records Table</u>.
 This reference table provides an alternative view of the TUCHA
references table for replacement records. The elements and
descriptions are listed in Table 4-87.

4.3.2.43 <u>Unit Type Characteristic Code- F2 Records Table</u>. This
reference table provides an alternative view of the TUCHA
references table for F2 type records. The elements and
descriptions are listed in Table 4-88.

Table 4-86. Unit Characteristic Data – ABF1 Records Table
(UCDA1)
(Part 1 of 2)

Data Element	Element Description
UTC	Unit Type Code
UCD	Unit Input Record Key Element Code

Table 4-86. (Part 2 of 2)

UCDSEQ	Unit Input Record Key Element Code Sequence Number
ULC	Unit Level Code
DEPLYCOD	Unit Deployability Type Code
SERVICECOD	Service Code
RECCLASSF1	Record Security Classification Code Applicable to ABF1 Record Type
SNAME	Short Country/State Name
RECIND	Record Indicator
F1RECCLASS	Record Security Classification ABF1 Record Type Code
UNITSTAT	Unit Type Status Code
UNITNAME	Official Unit Name
UIC	Unit Identification Code
CREDATE	Record Creation Date
LSTUPD	Record Last Updated Date
WARSTRGNTH	Authorized Wartime Personnel Strength
PERSONNEL	Personnel Requiring Non-Organic Transport Count
CARGOCATREG	Required Cargo Category Record Count
CARGOCATACT	Actual Cargo Category Record Count
DATECANX	Record Cancellation Date
REFDOC	Documentation Authorization Type
REPUTC	Replacement Unit Code

Table 4-87. Unit Characteristic Data-Replacement Records Table
(UCDE0)

Data Element	Element Description
UTC	Unit Type Code
UCD	Unit Input Record Key Element Code
UCDSEQ	Unit Input Record Key Element
SNAME	Short Country/State Name
REPUTC	Replacement Unit Code
REPSTAT	Replacer/Replacee Status Code

4.3.2.44 <u>Unit Type Characteristic Code- F3 Records Table</u>. This reference table provides an alternative view of the TUCHA references table for F3 records. The elements and descriptions are listed in Table 4-89.

Table 4-88. Unit Characteristic Data-F2 Records Table
(UCDF2)

Data Element	Element Description
UTC	Unit Type Code
CARGOCATCOD	Cargo Code Not N or P
UCD	Unit Input Record Key Element Code
UCDSEQ	Unit Input Record Key Element Code Sequence Number
RECCLASS	Record Security Classification Code
DIMENSIONCOD	Heaviest Item With Greatest Dimension Code
CARGOFT	Square Feet Floor/Deck Area Amount
CARGOWTST	Cargo Short Ton Weight Amount
CARGOWTMT	Cargo Cube Measurement Amount
BULKPOL	Amount of POL Per Barrel
REQUIREDF3	F3 Detail Records Required Amount
ACTUALF3	F3 Detail Records Actually Submitted

Table 4-89. Unit Characteristic Data-F3 Records Table
(UCDF3)

Data Element	Element Description
UTC	Unit Type Code
CARGOCATCOD	Cargo Code Not N or P
UCD	Unit Input Record Key Element Code
UCDSEQ	Unit Input Record Key Element Code Sequence Number
RECCLASS	Record Security Classification Code
CARGODESC	Cargo Equipment Description
CARGOLGTH	Cargo Length in Inches Per Item
CARGOWDTH	Cargo Width in Inches Per Item
CARGOHGHT	Cargo Height in Inches Per Item
CARGOFT	Square Feet Floor/Deck Area Per Item Amount
QUANTITY	Cargo Equipment Count
CARGOWTST	Cargo Short Ton Weight Amount
CARGOWTMT	Cargo Cube Measurement Amount

4.3.2.45 <u>Ports Data Table</u>.   The Ports table is the primary
reference table where ships may load and unload cargo.   The
table identifies the number of harbors, wharves, and berthing
facilities available at a given location. This reference table
elements and descriptions are listed in Table
4-90.

4.3.2.46 <u>Berth Classification Table</u>.   The Berth Classification
Table describes the space allocated to a vessel at a wharf.
Berth descriptions are listed in Table 4-91, the PORTBERTHS.

Table 4-90. Ports Data Table
(PORTS)
(Part 1 of 2)

Data Element	Element Description
GEO_KEY	Port Geolocation Code
HARBORNUM	Harbor Number
HARBCOD	Harbor Code
HARBTYPE	Physical Harbor
WHARFCOD	Wharf Code
WHARFNUM	Wharf Number
REMID	Remark Record Value Code
REMNUM	Remarks Data Number
RECTYPE	Type Of Data Being Defined
CREDATE	Record Creation Date
LSTUPD	Record Last Updated Date
RECCLASS	Security Classification
NAME	Name Of The Port/Harbor/Wharf
MILSTAMP	Water Ports Transportation Code
DMACHART	Port DMA Chart Amount
BENUM	Port BE Number
CATEGORY	Port Category Codes
DMANDX	Number That DMA Assigns To Each Port
GEOLOC	Port Geographical Location Code
AIRFIELD	Airfield Geolocation Code Nearest to Seaport
DISTANCE	Distance Of Airfield From Seaport
CLASS_S	Number Of Super Tanker Anchorage Berths
CLASS_I	Number Of Class I Anchorage Berths
CLASS_II	Number Of Class II Anchorage Berths

```
CLASS_III                      Number Of Class III
                               Anchorage Berths
CHANNELS                       Number Of Navigable
                               Channels Allowing Maritime Or
                               Coaster Traffic
WHARFLGTH                      Berthing Length In Feet
WHARFDPTH                      Minimum Depth At Chart
                               Datum
WHARFAPRON                     Apron Width In Feet
WHARFALT                       Alternate Berth Use Codes
RECSEQ                         Unique Number Used To Link
                               Records Together
```

Table 4-91. Berth Classification Table
            (PORTBERTHS)
            (Part 1 of 2)

```
    Data Element               Element Description

GEO_KEY                        Port Geographical Location
                               Code
TOTLNGTHSRC                    Machine Generated Or Analyst
                               Input Berth Length
TOTLLNGTH                      Berthing Length
TOTDEPTH16                     Berthing Lengths Greater
                               Than 16 Feet
TOTDEPTH26                     Berthing Lengths Greater
                               Than 26 Feet
TOTDEPTH33                     Berthing Lengths Greater
                               Than 33 Feet
TOTDEPTH39                     Berthing Lengths Greater Than
                               39 Feet
TOTDEPTH46                     Berthing Lengths Greater
                               Than 46 Feet
BERTHNUM                       Number Of Berths Of A
                               Particular Classification
BERTHCLASS                     Berth Classification
MAXLGBBLK                      Length Of Largest Breakbulk
MINDPBBLK                      Minimum Depth At Chart Datum
MAXLGCNTR                      Length of Largest
                               Container Berth
MINDPCNTR                      Minimum Depth At Chart
                               Datum
MAXLGRORO                      Length Of Largest RO/RO
MINDPRORO                      Minimum Depth At Chart
                               Datum
MAXLGPOL                       Length Of Largest Tanker
```

Table 4-91. (Part 2 of 2)

MINDPPOL	Minimum Depth At Chart Datum
RAMPS	Number Of RO/RO Ramps

4.3.2.47 <u>Port Inland Waterways Clearance Data Table</u>.   The PORTCLEARANCE table, Table 4-92, is a supplemental reference table associated with all geographical ports. The table elements describe the traffic capacity for this seaport to handle cargo with trains, trucks, sea barges, and/or through pipelines.

4.3.2.48 <u>Craft Availability at Port Data Table</u>. Table 4-93, the Craft Availability at Port Table contains information on vessel and equipment availability used to load and unload cargo and assisted in docking and towing large sea crafts. The PORTCRAFT table elements and descriptions are listed in Table 4-93.

Table 4-92. Port Inland Waterways Clearance Data Table
(PORTCLEARANCE)

Data Element	Element Description
GEO_KEY	Port/Harbor/Wharf Geolocation Code
RAIL	Indicates If Port Has Rail Clearance
RAILTRK	Number Of Rail Tracks
RAILGAGE	Width Between Rails
RAILCAP	Cargo Clearance Capacity Over Selected Tracks
ROAD	Indicates If Port Has Road Clearance
ROADNUM	Number Of Roads
ROADCAP	Cargo Clearance Capacity For A 24 Hour Period
PIPELINE	Indicates If Port Has Pipeline Clearance
PIPENUM	Number Of Pipelines
PIPECAP	POL Clearance Capacity Via Pipelines
INLWATER	Indicates If Port Has Inland Waterway Clearance
INLWWCAP	Inland Waterway Cargo Capacity
RECSEQ	Unique Number To Link Records Together

Table 4-93. Craft Availability At Port Data Table
(PORTCRAFT)
(Part 1 of 2)

Data Element	Element Description
GEO_KEY	Port Geolocation Code
TUGS	Tugboats Count
TUGSHIP	Most Powerful Tugboat Horsepower Amount
BBLK	Number Of Lighters Capable Of Handling Dry Military Cargo
POLNUM	Number Of Lighters Used To Carry POL
POLCAP	Total Capacity Of POL Lighters

Table 4-93. (Part 2 of 2)

WATERNUM	Number of Lighters Used To Carry Water
DREDGERS	Total Number Of Dredgers
MISC	Harbor Craft Not In Other Data
CRANEFLT	Number Of Cranes
CRANECAP	Maximum Lift Capacity Of Defined Crane
REPWEIGHT	Largest Vessel Measured By Dead Weight
RECSEQ	Unique Number To Link Records Together

4.3.2.49 Port Capacity For Military Cargo Table. The Port Capacity For Military Cargo Table contains facilities and equipment information to support off-load and movement of military cargo. Table 4-94 lists the table elements and descriptions associated with the PORTSDISCHARGE table.

4.3.2.50 Port Equipment Availability Classification Table. This reference table contains available equipment categorical information at a port. The PORTEQPT table elements and descriptions are listed in Table 4-95.

4.3.2.51 Port Review Table. The PORTREVIEW table identifies the month and year the port capacity and load requirement information was analyzed. Table 4-96 list the Port Review table elements and descriptions.

Table 4-94. Port Capacity For Military Cargo Table

(PORTDISCHARGE)

Data Element	Element Description
GEO_KEY	Port Geolocation Code
THRUPUTSRC	Machine Generated Or Analyst Input Throughput Capacity
THRUPUTSTON	Port Throughput Capacity In Short Tons
THRUPUTMTON	Port Throughput Capacity In Measurement Tons
DISCCAPSRC	Machine Generated Or Analyst Input Discharge Capacity
DISCCAPSTON	Discharge Capacity In Short Tons
DISCCAPMTON	Discharge Capacity In Measurement Tons
BBLKSRC	Machine Generated Or Analyst Input Break Bulk Discharge Capacity
BBLKSTON	Break Bulk Discharge Capacity In Short Tons
BBLKMTON	Break Bulk Discharge Capacity In Measurement Tons
CNTRSRC	Machine Generated Or Analyst Input Container Capacity
CNTRSTON	Container Discharge Capacity In Short Tons
CNTRMTON	Container Discharge Capacity In Measurement Tons
ROROSRC	Machine Generated Or Analyst Input Roll On/Roll Off Container Capacity
ROROFT	Amount of Roll On/Roll Off Cargo
ROROSTON	Roll On/Roll Off Discharge Capacity In Short Tons
ROROMTON	Roll On/Roll Off Discharge Capacity In Measurement Tons
RECSEQ	Unique Number Used To Link Records Together

4.3.2.52 <u>Port Status Table</u>. The PORTSTATS table contains the port specific information that allow vessels assigned, bound, or departing to navigate within a port. PORTSTATS, Table 4-97, elements and descriptions are listed below.

4.3.2.53 <u>Port Storage Availability Table</u>. The Ports Storage table contains import and export information for cargo holding areas. Table 4-98 contains table elements and descriptions in the PORTSTORAGE table.

4.3.2.54 <u>Port Utilities Table</u>. The PORTUTILITIES table contains ship support facilities information and table elements are listed in Table 4-99.

Table 4-95. Port Equipment Availability Classification Table

(PORTEQPT)

Data Element	Element Description
GEO_KEY	Port Geolocation Code
CRANES	Crane Count
CRTYPE	Crane Type
CRCAP	Crane Capacity
MECHANICAL	Mechanical Handling Equipment Amount
MECHTYPE	Mechanical Handling Equipment Type
MECHCAP	Mechanical Handling Equipment Capacity
OTHEREQPT1	Equipment Other Than Cranes Comment One
OTHEREQPT2	Equipment Other Than Cranes Comment Two
OTHEREQPT3	Equipment Other Than Cranes Comment Three
OTHEREQPT4	Equipment Other Than Cranes Comment Four
OTHEREQPT5	Equipment Other Than Cranes Comment Five
OTHEREQPT6	Equipment Other Than Cranes Comment Six
RECSEQ	Record Sequence Number

Table 4-96. Port Review Table
(PORTREVIEW)

Data Element   Element Description

GEO_KEY   Port Geolocation Code
REVYR   Analyst Review Year
REVMM   Analyst Review Month
REVYRCAP   Reviewed Capacity Data Year
REVMMCAP   Reviewed Capacity Data Month
ADEQUACY   Information Adequacy Indicator
RECSEQ   Record Sequence Number

Table 4-97. Port Status Table
(PORTSTATS)

Data Element   Element Description

GEO_KEY   Port Geolocation Code
PROTECTION   Anchorage Area Protection Code
HOLDGRND   Anchorage Area Holding Ground
CHANNAME   Channel/Approach Name
CHANLNGTH   Channel Length
CHANWDTH   Channel Navigable Width Code
CHANDPTH   Channel Depth Datum Chart Code
OHCLEAR   HWS Least Overhead Clearance
ICEFORM   Ice Forms Month
ICEBRKUP   Ice Breaks Month
TIDERISE   Tidal Rise Indicator
PERCNTUSE   Time Wharves Used Amount
SWELLFT   Harbor Swell Predominate Height
TURNDIAM   Largest Turning Basin Diameter
TURNDPTH   Depth Of Water At Chart Datum
RECSEQ   Record Sequence Number

Table 4-98. Port Storage Availability Table
(PORTSTORAGE)
(Part 1 of 3)

Data Element   Element Description

GEO_KEY   Port Geolocation Code
OPENSRC   Open Storage Area Availability
                            Input Flag
TOTOPENFT   Harbor Open Cargo Storage Area
BBLKSRC   Breakbulk Open Storage Area Input
                            Flag
BBLKFT   Breakbulk Cargo Open Storage Area

Table 4-98. (Part 2 of 3)

BBLKSTON	Breakbulk Cargo Storage Availability in Short Tons
BBLKMTON	Breakbulk Cargo Storage Measurements Availability
CNTRSRC	Container Storage Area Availability
CNTRFT	Largest Container Berth Length
CNTRSTON	Cargo Container Storage Capacity
CNTRMTON	Stored Cargo Container Amount
ROROSRC	Machine Generated/ Analyst Input RO/RO Storage Area Available
ROROFT	Minimum Depth At Chart Datum
ROROSTON	Amount of RO/RO That Can Be Stored
ROROMTON	Amount of RO/RO That Can Be Stored
DRYSRC	Machine Generated Or Analyst Input Dry Bulk Storage Area Available
DRYFT	Open Storage Area For Drybulk Cargo
COVSRC	Machine Generated Or Analyst Input Covered Storage Area Available
COVFT	Covered Storage Area For Breakbulk Storage
COLDFT	Cold Storage Capacity
AMMOFT	Ammunition Storage Capacity
WATER	Water Storage Capacity
CNTRSTUFF	Area Designated for Stuffing/Unstuffing Of Containers
POLSRC	Machine Generated Or Analyst Input POL Storage Area Available
POLBBL	Refined POL Products and Crude Oil Capacity
CRDPOLSRC	Machine Generated or Analyst Input Crude POL Storage Area Available
CRDPOLBBL	Crude Oil Storage Capacity
REPOLSRC	Machine Generated Or Analyst Input Refined POL Storage Available
REPOLBBL	Refined POL Storage Capacity
BBLKOPENFT	Open Storage Area For Break Bulk Cargo

Table 4-98. (Part 3 of 3)

CNTROPENSRC	Machine Generated Or Analyst Input Container Open Storage Available
CNTROPENFT	Container Cargo Open Storage Area
ROROOPENFT	RO/RO Cargo Open Storage Area
DRYOPENFT	Drybulk Cargo Open Storage Area
CNTRSTACK	Stacked Containers Height
CNTRFACTR	Percentage of Storage Area Used To Hold Containers
RECSEQ	Record Sequence Number

Table 4-99. Port Utilities Totals Table

(PORTUTILITIES)

Data Element	Element Description
GEO_KEY	Port/Harbor/Wharf Geolocation Code
ELECTRIC	Electricity Availabiliity
WATER	Water Availability
BUNKER	Bunker Availability
CNTRREFER	Containers Kept Refrigerated Amount
RECSEQ	Record Sequence Number

4.3.2.55 Port Remarks Table. The PREMARKS table contains comments that support other tables which store ports data information. Table 4-100 lists PREMARKS table elements and descriptions.

Table 4-100. Ports Remarks Table

(PREMARKS)

Data Element	Element Description
GEO_KEY	Port Geolocation Code
HARBORNUM	Harbor Number
WHARFNUM	Wharf Number
REMID	Remark Record Value Code
REMNUM	Remarks Data Number
RECTYPE	Type Of Data Being Defined
COMMENTS	Comments From Other Port Tables
RECSEQ	Record Sequence Number

4.3.3 Validation Tables. This paragraph describes the SORTS Modernization joint and service validation tables. These tables will be used to validate SORTS data before it is placed in the database. The validation tables are relatively small in size and contain a 1- to 3-character code and related code name.

4.3.3.1 Current Status and Activity Code Table. The ACTIV table contains valid two-character activity codes and related names. The following table identifies the data elements associated with Table 4-101, the ACTIV table.

Table 4-101. Current Status and Activity Code
(ACTIV)

Data Element	Element Description
ACTIV_KEY	Status and Activity Code
NAME_ACTIV	Activity Code Description

4.3.3.2 Country of Affiliation Table. The COAFF table contains valid two-character country codes. The following table identifies the data element associated with Table 4-102, the COAFF table.

Table 4-102. Country of Affiliation
(COAFF)

Data Element	Element Description
COAFF_KEY	Country of Affiliation Code

4.3.3.3 Country/State Code Table. The CRTCD table contains 2-character country/state codes and the associated name of the country or state. The following table identifies the data elements associated with Table 4-103, the CRTCD table.

Table 4-103. Country/State Code
(CRTCD)

Data Element	Element Description
CRTCD_KEY	Country/State Code
SNAME_CRTCD	Short Country/State Name
LNAME_CRTCD	Long Country/State Name

4.3.3.4 CINC/Service Component Table. The CSCOM table, Table 4-104 provides the service components that are associated with a CINC. The CSCOM_KEY is comprised of the 6-character UIC for the

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CINC plus the letter representing the service. The FUNC_CSCOM
column contains the UIC for that component. The following table
identifies the data elements associated with the CSCOM table.

4.3.3.5 CINC Service Command Validation Table. The CSERV table,
Table 4-105 contains valid command codes and related descriptions
for all CINCs and services. The following table identifies the
data elements associated with the CSERV table.

Table 4-104. CINC/Service Component
(CSCOM)

Data Element	Element Description
CSCOM_KEY	CINC/Service Component
FUNC_CSCOM	Component Unit Identification Code

Table 4-105. CINC Service Command
(CSERV)

Data Element	Element Description
CSERV_KEY	CINC/Service Command Code
NAME_CSERV	CINC/Service Command Code Description
UIC_CSERV	CINC/Service Command Unit Identification Code

4.3.3.6 Major Equipment-Reconnaissance Capabilities Table. The
MEREC table contains valid codes for the Major Equipment and
Reconnaissance Capabilities. The following table identifies the
data elements associated with Table 4-106, the MEREC table.

Table 4-106. Major Equipment-Reconnaissance Capabilities
(MEREC)

Data Element	Element Description
MEREC_KEY	Major Equipment-Reconnaissance Capabilities Code
NAME_MEREC	Description

4.3.3.7 Major Command Codes Table. The MJCC table contains a
cross reference for major command codes and the associated Unit
Identification Codes. The following table identifies the data
elements associated with Table 4-107, the MJCC table.

Table 4-107. Major Command Codes
(MJCC)

Data Element	Element Description
MJCC3_KEY	Major Command Code
MJCC6_KEY	Major Command Unit Identification Code

4.3.3.8 <u>Major Command Name Table</u>. The MJCC0 table, Table 4-108 contains the major command codes and associated major command names. The following table identifies the data elements associated with the MJCC0 table.

Table 4-108. Major Command Name
(MJCC0)

Data Element	Element Description
MJCC0_KEY	Major Command Code
FUNC_MJCC0	Major Command Name

4.3.3.9 <u>Navy Ocean Table</u>. The NOCEAN table contains the last two digits of valid location codes for water areas and the long name for that area. The following table identifies the data elements associated with Table 4-109, the NOCEAN table.

Table 4-109. Navy Ocean (NOCEAN)

Data Element	Element Description
NOCEAN_KEY	Ocean Code
NAME_NOCEAN	Ocean Area Name

4.3.3.10 <u>Prime Equipment Operational Status Table</u>. The PEQS table contains valid codes for the operational status of specifically designed major equipment. The following table identifies the element associated with Table 4-110 the PEQS table.

Table 4-110. Prime Equipment Operational Status
(PEQS)

Data Element	Element Description
PEQS_KEY	Prime Equipment Operational Status Code
DEFINITION	Code Description

4.3.3.11 <u>Plan Identification Validation Table</u>. The PID table contains valid entries for the first character of the element PID. The following table identifies the element associated with Table 4-111 the PID table.

4.3.3.12 <u>Primary Mission Area Table</u>. The PRMA table contains valid primary mission area codes. The following table identifies the element that is associated with Table 4-112, the PRMA table.

Table 4-111. Plan Identification Validation
(PID)

Data Element	Element Description
PID_KEY	Plan Identification Key

Table 4-112. Primary Mission Area
(PRMA)

Data Element	Element Description
PRMA	Primary Mission Area Code
DESCRIPTION	Description of Code
TYPE	Type of Mission Area

4.3.3.13 <u>Reason Code Table</u>. The REASN table contains codes that indicate the reason why the overall unit posture is not C-1. The following table identifies the element associated with Table 4-113 the REASN table.

Table 4-113. Reason Code (REASN)

Data Element	Element Description
REASN_KEY	Reason Code
DESCRIPTION	Reason Definition

4.3.3.14 <u>Reporting Organization/CINC Table</u>. The RPTCN table provides a cross-reference of reporting organization UIC's and the UIC of the associated CINC. The following table identifies the elements asociated with Table 4-114, the RPTCN table.

4.3.3.15 <u>Type of Personnel Table</u>. The TPRES table contains codes representing the type of personnel being reported. The following table identifies the elements associated with Table 4-115, the TPRES table.

Table 4-114. Reporting Organization/CINC (RPTCN)

Data Element	Element Description
RPTCN_KEY	Reporting Organization Unit Identification Code
FUNC_RPTCN	CINC Unit Identification Code

Table 4-115. Type of Personnel
(TPERS)

Data Element	Element Description
TPERS_KEY	Type of Personnel Code
NAME_TPERS	Description of Personnel Code

4.3.3.16 <u>Type of Report Table</u>. The TREAD table contains codes
that indicate the type of report being reported by the
organization. The following table identifies the element
associated with Table 4-116, the TREAD table.

Table 4-116. Type of Report
(TREAD)

Data Element	Element Description
TREAD_KEY	Type of Report Code
DEFINITION	Code Description

4.3.3.17 <u>Unit Level Validation Table</u>. The ULC table contains
valid three-character unit codes and related code descriptions.
The following table identifies the data element associated with
Table 4-117, the ULC table.

Table 4-117. Unit Level
(ULC)

Data Element	Element Description
ULC_KEY	Unit Level Code
DEFINITION	Code Description

4.3.3.18 <u>Unit Descriptor Code Two-to-Three Table</u>. The UNDC
table contains the expanded 3-character UDC code. UDC is
reported as a 1-character code. This code is used with the
character reported in REVAL to create a 2-character code that is
used to derive the 3-character UDC that is stored in the

database. The following table identifies the elements associated
with Table 4-118, the UNDC table.

Table 4-118. Unit Descriptor Code Two-to-Three (UNDC)

Data Element	Element Description
UNDC2_KEY	Two-character UDC and REVAL
UNDC3_KEY	Expanded Unit Descriptor Code

4.3.3.19 Unit Descriptor Code Three-to-One Table. The UNDC4
table provides a conversion from the 3-character UDC stored in
the database to the 1-character UDC reported in the input
transaction. The following table identifies the elements
associated with Table 4-119, the UNCD4 table.

Table 4-119. Unit Descriptor Code Three-to-One
(UNDC4)

Data Element	Element Description
UNDC4_KEY	3-character UDC
FUNC_UNDC4	1-character UDC

4.3.3.20 Fleet Table. This table contains the valid 1-character
fleet codes for Navy units. The following table identifies the
elements associated with Table 4-120, the FLT table.

Table 4-120. Fleet
(FLT)

Data Element	Element Description
FLT	Valid Fleet Code
DESCRIPTION	Description of Code

4.3.3.21 Reason Code Table. This table contains characters 2
and 3 of Navy reason codes and a brief description of the codes.
The following table identifies the elements associated with Table
4-121, the SORTS_VAL_RES_AREA_REASONS table.

Table 4-121. Reason Code
(SORTS_VAL_RES_AREA_REASONS)

Data Element	Element Description
AREA	Character 2 of Reason Code
CODE	Character 3 of Reason Code
SHORT_DESCRIPTION	Short Description of Code

4.3.3.22 <u>Types Code Table</u>. This table contains characters 1 and 2 of Navy reason codes and a description of the codes. The following table identifies the elements associated with Table 4-122 the SORTS_VAL_RES_AREA_TYPES table.

Table 4-122. Types Code
(SORTS_VAL_RES_AREA_TYPES)

Data Element	Element Description
AREA	Character 1 of Reason Code
CODE	Character 2 of Reason Code
DESCRIPTION	Description of Code

4.3.3.23 <u>Special Capability Code Table</u>. This table contains valid special capability codes and a description of each code. The following table identifies the elements associated with Table 4-123, the SPCAP table.

Table 4-123. Special Capability Code
(SPCAP)

Data Element	Element Description
SPCAP	Special Capability Code
DESCRIPTION	Description of Code

4.3.3.24 <u>Type of Command Table</u>. This table contains valid codes for type of command and a description of each. The following table identifies the elements associated Table 4-124, with the TYCOM table.

Table 4-124. Type of Command (TYCOM)

Data Element	Element Description
TYCOM	Type of Command Code
DESCRIPTION	Description of Code
UIC	Unit Identification Code

4.3.3.25 <u>Assignment Major Command Validation Table</u>. This table contains the registration reference data for unit assignment code (ASGMT), organization major command code (MJCOM), and the Army major command identifier (MAC). Table 4-125, the ASGMT_MJCOM_VLDTN table will be used during the Army unit registration process.

4.3.3.26 <u>Status Code/Assignment Validation Table</u>. This table validates the unit assignment code (ASGMT), the organization

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Table 4-125. Assignment Major Command Validation
(ASGMT_MJCOM_VLDTN)

Data Element	Element Description
ASGMT	Unit Assignment Code
ORIGINATOR_UIC	Unit Originator Code
MAC	Army Major Command Identifier
MJCOM	Organization Major Command Unit Identification Code
RECORD_CLASSN_CD	Record Security Classification

personnel readiness status code (STATC), and the first two
characters of the unit troop program sequence basic number
(TPSN). Table 4-126, the STATC_ASGMT_VLDTN table is used during
the Army unit registration process.

Table 4-126. Status Code/Assignment Validation
(STATC_ASGMT_VLDTN)

Data Element	Element Description
ASGMT	Unit Assignment Code
STATC	Organization Personnel Readiness Status Code
TPSN_1_2_VLDTN_CD	Unit Troop Program Sequence Basic Number Position 1 And 2 Validation Code
RECORD_CLASSN_CD	Record Security Classification

4.3.3.27 Unit Descriptor Code Table. The UDC table provides
contains 3-character code and its definition used to validate
the Unit Descriptor Code entry reported from the BIDE set. Table
4-127 listed the elements within the UDC table.

Table 4-127. Unit Descriptor Code Table
(UDC)

Data Element	Element Description
UDC_KEY	Unit Descriptor Code
DEFINITION	Code Description

4.3.3.28 Troop Program Sequence Number Table. The TPSN table
validates unit troop numbers into the SORTS database from USMTF
messages and reports. Table 4-128 listed the elements within the
TPSN table.

4.3.3.29 <u>Major Equipment Current Usage Table</u>. The TMECUS table
validates usage codes for major equipment currently in operation.
Listed in Table 4-129 are elements and description associated
with the Major Equipment Current Usage Table.

Table 4-128. Troop Program Sequence Number Table
(TPSN)

Data Element	Element Description
TPSN_KEY	Troop Program Sequence Number
ULC_KEY	Unit Level Code
DEFINITION	ULC Description

Table 4-129. Major Equipment Current Usage Table
(TMECUS)

Data Element	Element Description
TMECUS_KEY	Major Equipment Current Usage Code
DEFINITION	Code Definition

4.3.3.30 <u>Equipment Plan Relation Table</u>. The TLEAC table
validates the planned relation code for equipment usage. Listed
in Table 4-130 are elements and description associated with the
Equipment Plan Relation Table.

Table 4-130. Equipment Plan Relation Table
(TLEAC)

Data Element	Element Description
TLEAC_KEY	Equipment Planned Relation Code
DEFINITION	Code Definition

4.3.3.31 <u>Assigned Team Status Code Table</u>. This table validates
the code assigned to an assigned team. Table 4-131 listed the
elements within the TEDY table.

Table 4-131. Assigned Team Status Code Table
(TEDY)

Data Element	Element Description
TEDY_KEY	Team Status Code
DEFINITION	Code Definition

4.3.3.32 <u>Support Equipment Operational Status Code Table</u>. This table contains legitimate support equipment operational codes and their definition for validation of the associated fields within the TCOMMEQ set. Table 4-132 listed the elements within the SEDY table.

Table 4-132. Assigned Team Status Code Table
(SEDY)

Data Element	Element Description
SEDY_KEY	Support Equipment Status Code
DEFINITION	Code Definition

4.3.3.33 <u>Reason Organization Not C-1 Code Table</u>. This table contains valid codes and associated description that most sifnificantly describes the reason an unit is not a category 1. Table 4-133 listed the elements within the RSN table.

Table 4-133. Reason Organization Not C-1 Code Table
(RSN)

Data Element	Element Description
RSN_KEY	Reason Organization Code
DEFINITION	Code Definition

4.3.3.34 <u>Plan Identification Number Table</u>. This table contains valid operational planned indentification number for an unit. Table 4-134 listed the elements within the PIN table.

Table 4-134. Plan Indentification Number Table (PIN)

Data Element	Element Description
PIN_KEY	Organizational Plan Indentification Number

4.3.3.35 <u>Major Equipment Functional Classification Code Table</u>. The MECL table contains valid functional classification codes for major equipment. The following table identifies the element associated with Table 4-135, the MECL table.

Table 4-135. Major Equipment Functional Classification Code Table
                            (MECL)

        Data Element   Element Description

        MECL_KEY   Major Equipment Functional
                                    Classification Code
        DEFINITION   Code Description

4.3.3.36 Major Equipment Capability Code Table. The MECAP table
contains valid functional classification codes for major
equipment. The following table identifies the element associated
with Table 4-136, the MECAP table.

Table 4-136. Major Equipment Functional Classification Code Table
                            (MECAP)

        Data Element   Element Description

        MECL_KEY   Major Equipment Functional
                                    Classification Code
        DEFINITION   Code Description

4.3.3.37 Overall/Measured Area Code Table. The LEVEL table
contains valid overall or measured area capability codes and
code descriptions. The following table identifies the element
associated with Table 4-137, the LEVEL table.

        Table 4-137. Overall/Measured Area Code Table
                            (LEVEL)

        Data Element   Element Description

        LEVELS_KEY   Overall/Measured Area Code
        DEFINITION   Code Description

4.3.3.38 Foreign Origin Equipment Code Table. The FORDV table,
Table 4-138, contains valid equipment codes and their associated
definitions which orginated other than the United States.

    Table 4-138. Foreign Origin Equipment Code Table(FORDV)

        Data Element   Element Description

        FORDV_KEY   Foreign Origin Equipment Code
        DEFINITION   Code Description

4.3.3.39 Flag Table. This table contains the valid 1-character code internal code. The following table identifies the elements associated with Table 4-139, the FLAG table.

Table 4-139. Flag Table (FLAG)

Data Element	Element Description
FLAG_KEY	Internal Code
DEFINITION	Code Description

4.3.3.40 BCMD Table. This table contains a three character key used for validation. The following table identifies the elements associated with Table 4-140, the BCMD table.

Table 4-140. BCMD Table (BCMD)

Data Element	Element Description
BCMD_KEY	Three-Character Key Code
BIL_BCMD	Two-Character Code associated with BCMD_Key

4.3.3.41 Major Equipment Commitment Type Code Table. The ALTYP table contains valid commitment type codes for the major equipment assigned. The following table identifies the element associated with Table 4-141, the ALTYP table.

Table 4-141. Major Equipment Commitment Type Code Table (ALTYP)

Data Element	Element Description
ALTYP_KEY	Major Equipment Commitment Type Code
DEFINITION	Code Description

4.3.3.42 Equipment Availability Code Table. The AVCAT table contains valid availability codes for all types of equipment. The following table identifies the element associated with Table 4-142, the AVCAT table.

Table 4-142. Equipment Availability Code Table (AVCAT)

Data Element	Element Description
AVCAT_KEY	Equipment Availiability Code
DEFINITION	Code Description

4.3.4 Internal Processing Tables. This paragraph describes the GSORTS internal tables used for the General Interactive Query System (GIQS) and the Global SORTS Synonym table for Global Command and Control System (GCCS) user access. The MOVE, PLAD, JOPES_WORK, and UICCOM are not maintained in the SORTS database and are not listed.

4.3.4.1 Operational Counts Table. The OPLAN_CNTS table contains valid table names and table query integer values.   The following table identifies the data elements associated with the Table 4-143, OPLAN_CNTS table.

Table 4-143. Operational Counts
(OPLAN_CNTS)

Data Element	Element Description
TABLE_NAME	ORACLE table being accessed
TABLE_CNT	Relationship to query being generated

4.3.4.2 GSORTS Synonyms. Table 144, the GSORTS_SYN table contains the public versions of the private ORACLE synonyms. The table allows GSORTS table access to the ORACLE GCCS user. The following table identifies the data elements associated with the GSORTS_SYN table.

Table 4-144. GSORTS Synonyms
(GSORTS_SYN)

Data Element	Element Description
SYNONYM_NAME	Public Synonym Name
TABLE_OWNER	Owner of the GCCS Table
TABLE_NAME	Name of the GCCS table or View
DB_LINK	Database link to point to other
GCCS	

4.3.4.3 Explain Plan Table. Table 4-145, the PLAN_TABLE table contains required fields used by ORACLE to display the internal query plan for the retrieval. The table allows the GIQS user to optimize query development. The table layout is provided by ORACLE. The following table identifies the data elements associated with the PLAN_TABLE table.

Table 4-145. Explain Plan Table
(PLAN_TABLE)
(Part 1 of 2)

Data Element	Element Description
STATEMENT_ID	Statement Identifier
TIMESTAMP	System Date-Time group
REMARKS	Related Remarks
OPERATION	Task being accomplished
OPTIONS	Features impacting operation
OBJECT_NODE	Node being evaluated
OBJECT_OWNER	Owner of Node being evaluated
OBJECT_INSTANCE	ORACLE Instance in operation
OBJECT_TYPE	Type being evaluated (i.e. TABLE)
OPTIMIZER	Optimiztion being used
SEARCH_COLUMNS	Parameters for the Search
ID	Identifier
PARENT_ID	Owner of the process
POSITION	Starting Position
OTHER	Additional query factors

4.3.4.4 Fras Unit Type Code Table. Table 4-146, the FUTC table contains required fields used by ORACLE. The following table identifies the data elements associated with the FUTC table.

Table 4-146. Fras Unit Type Code Table
(FUTC)

Data Element	Element Description
FUTC_KEY	Fras Unit Type Code
FUTC_TITLE	Fras Unit Type Name

4.3.4.5 Temporary Table. Table 4-147, the TEMP table contains required fields used to support the Hiearch SQLForm Query. The following table identifies the data elements associated with the TEMP table.

Table 4-147. Temporary Table
(TEMP)

Data Element	Element Description
OPCON	Operational Command
OPNAME	Operational Command Name
UICNAME	Unit Name
UIC	Unit Identification Code

SECTION 5. REQUIREMENTS CROSS REFERENCE

The requirements cross reference is provided for in the SORTS
Modernization System Design Document.

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SECTION 6. ABBREVIATIONS AND ACRONYMS

ASORTS	Army Status of Resources and Training System
AWIS	Army WWMCCS Information System
CINC	Commander of Combatant Command
CJCS	Chairman, Joint Chiefs of Staff
DBA	Database Administrator
DISA	Defense Information Systems Agency
DOD	Department of Defense
DS	Database Specification
DSSO	Defense Systems Support Organization
FD	Functional Description
FIPS Pub	Federal Information Processing Standards Publication
FORSCOM	U.S. Army Forces Command
GCINC	Geographic CINC
GEOFILE	Geographic Location File
GIQS	General Interactive Query System
IEEE	The Institute of Electrical and Electronics Engineering, Inc.
ISO	International Standards Organization
JAMES	Joint Automated Message Editing System
JDSSC	Joint Data Systems Support Center (former name of DSSO)
JNCR	Resource Monitoring Branch
JOPES	Joint Operations Planning and Execution System
JRS	Joint Reporting Structure
JS	Joint Staff
JVIDS	Joint Visual Information Display System
MEQPT	Major Equipment Code File
MOP	Memorandum of Policy
MTF	Message Text Format
NCA	National Command Authorities
NMCC	National Military Command Center
NMCS	National Military Command System
OPLAN	Operation Plan
OSI	Open Systems Interconnection

POSIX   Portable Operating System Definition

RDBMS   Relational Database Management System
RO/RO   Roll-On/Roll-Off

SDR   System Design Review
SORTS   Status of Resources and Training System
SQL   Structured Query Language
SRR   System Requirements Review
SSS   System/Segment Specification

TDA   Table of Distribution and Allowances
TR   Technical Report
TUCHA   Type Unit Characteristics

UIC   Unit Identification Code
USMTF   United States Message Text Formatting

WIS   WWMCCS Information System
WISDIM   WWMCCS Information System Dictionary for
                    Information Management